1963
Powder Diffraction File

# Inorganic Phases

SEARCH MANUAL (Hanawalt)

# Powder Diffraction File Search Manual

## Hanawalt Method

## Inorganic

## 1983

Compiled by the JCPDS—International Centre for Diffraction Data in cooperation with the American Society for Testing and Materials, The Institute of Physics, American Crystallographic Association, National Association of Corrosion Engineers, American Ceramic Society, The Mineralogical Society of America, The Mineralogical Association of Canada, The Clay Minerals Society, Mineralogical Society of Great Britain and Ireland and Société Française de Minéralogie et de Cristallographie.

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## EDITORIAL STAFF

# REFERENCE INTENSITY RATIO

Quantitative analysis by the internal standard method (Alexander & Klug, 1948) can be used for a wide variety of mixtures. Matrix absorption effects are circumvented by the addition of an internal standard. Extending the idea of the internal standard method, Visser and de Wolff (1964) saw the potential for a data file of relative reference intensities. Swanson, Visser, de Wolff and others selected corundum, $\alpha$-$Al_2O_3$, as the reference material because of its chemical stability, purity, availability in very small particle size, and freedom from preferred orientation effects. Since this founding work the JCPDS has been publishing these ratios called $I/I_c$. In general $I/I_c$ has been taken as the ratio of the peak height of the strongest line of a sample to the strongest line of corundum (hexagonal reflection 113) for a 1:1 mixture by weight of the two phases. Peak height ratios have frequently been used as an approximation to the ratios of integrated intensities.

Recently, Hubbard, Evans, and Smith (1976) have shown how to calculate the reference intensity ratio from structural information and discussed sources of error in their use. They concluded that uncertainties in the tabulated peak height ratios could be as large as 20%. However, if calculated or experimental ratios based on integrated intensities are used, analysis are typically within a few weight percent. Microabsorption was shown to be a serious experimental error when the linear absorption coefficient of the sample differed significantly from that of $\alpha$-$Al_2O_3$.

Hubbard and Smith (1977) discussed further aspects of measuring and using the reference intensity ratio. In this paper five reference materials of differing linear absorption coefficient were proposed including $\alpha$-$Al_2O_3$ as the primary reference material. The National Bureau of Standards has begun to accurately measure d-spacings, relative intensities and the reference intensity ratio for each of these materials. When measurements are completed the materials will be available as Standard Reference Materials. For further information contact Dr. Camden R. Hubbard, Room A221 MATL, National Bureau of Standards, Washington, D.C. 20234.

**References**


L. Alexander and H. P. Klug, Anal. Chem. *29*, 886-889, (1948).

C. R. Hubbard, E. H. Evans, and D. K. Smith, "The Reference Intensity Ratio, $I/I_c$, for Computer Simulated Powder Patterns," J. Appl. Cryst. *9*, 169-174 (1976).

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J. W. Visser and P. M. de Wolff, "Absolute Intensities," Report 641.109, Technisch Physische Dienst, Delft, Netherlands (1964).

RELATIVE INTENSITIES for the PRINCIPAL LINES of $\alpha$ - $Al_2O_3$ (Corundum)

$CuK\alpha_1$ Radiation $\lambda = 1.54050$

| 2θ | "d" | hkl | Peak Height |
|---|---|---|---|
| 25.58 | 3.4793 | 012 | 71 |
| 35.13 | 2.5523 | 104 | 98 |
| 37.78 | 2.3791 | 110 | 41 |
| 43.36 | 2.0850 | 113 | 100 |
| 52.55 | 1.7400 | 024 | 43 |
| 57.51 | 1.6011 | 116 | 81 |
| 61.34 | 1.5100 | 018 | 8 |
| 66.55 | 1.4039 | 124 | 30 |
| 68.20 | 1.3739 | 030 | 45 |
| 76.79 | 1.2402 | 1·0·10 | 16 |

| | | | | | | | | | | File No. | I/I |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.6x | 44.0x | $21.8_7$ | $3.19_4$ | $4.87_3$ | $14.3_2$ | $3.33_2$ | $1.97_1$ | $NaKAl_8Si_{16}O_{40}(OH)_8.2H_2O$ | 25– 970 | |
| | $15.2_8$ | 30.4x | $4.48_3$ | $5.01_2$ | $2.56_1$ | $1.49_1$ | $3.30_1$ | $10.0_1$ | $NaxAl_4Si_8O_{20}(OH)_{10}.nH_2O$ | 22– 956 | |
| i | $14.1_8$ | 28.0x | $2.98_8$ | $2.70_8$ | $4.85_6$ | $4.44_5$ | $5.27_4$ | $5.60_3$ | $Ca_2Cu_8(AsO_4)_4(OH)_{10}.10H_2O$ | 11– 348 | |
| * | 11.9x | 23.1x | $9.10_1$ | $3.18_1$ | $6.91_1$ | $13.9_1$ | $9.70_1$ | $8.00_1$ | $Fe_4(PO_4)_3(OH)_3.12H_2O$ | 14– 331 | |
| i | $11.0_8$ | 22.0x | 3.12x | $4.20_8$ | $1.82_8$ | $3.65_6$ | $2.80_6$ | $8.40_4$ | $Ca_4(Si_6O_{15})(OH)_2.3H_2O$ | 9– 449 | |
| o | $11.7_8$ | 21.0x | 4.12x | 1.40x | $7.80_8$ | $3.75_8$ | $2.32_8$ | $5.70_4$ | $Al_4Si_3O_7(OH)_{10}.xH_2O$ | 25–1493 | |
| * | $15.1_8$ | 17.0x | 11.3x | $12.2_9$ | $11.1_8$ | $8.57_8$ | $5.98_8$ | $9.80_6$ | $Hf(OH)_2SO_4.2H_2O$ | 21– 361 | |
| * | $12.2_9$ | 17.0x | 11.3x | $15.1_8$ | $11.1_8$ | $8.57_8$ | $5.98_8$ | $9.80_6$ | $Hf(OH)_2SO_4.2H_2O$ | 21– 361 | |
| * | $12.0_9$ | 17.0x | $7.62_6$ | $3.11_3$ | $2.69_3$ | $5.38_4$ | $6.01_3$ | $7.10_3$ | $KNaCaY_2Si_6O_{12}(OH)_{10}.4H_2O$ | 22– 508 | |
| * | 11.3x | 17.0x | $12.2_9$ | $15.1_8$ | $11.1_8$ | $8.57_8$ | $5.98_8$ | $9.80_6$ | $Hf(OH)_2SO_4.2H_2O$ | 21– 361 | |
| o | 10.7x | $16.9_8$ | $12.2_8$ | $9.54_8$ | $6.81_8$ | $3.14_8$ | $2.94_8$ | $2.86_8$ | $Na_{16}Nb_{24}O_{69}.61H_2O$ | 28–1123 | |
| | 11.9x | 16.8x | 8.66. | $3.54_8$ | $3.35_8$ | $7.50_7$ | $3.45_7$ | $3.29_7$ | $C_4H_6CaNO_4$ | 22– 26 | |
| | $11.8_8$ | 16.7x | $8.59_8$ | $7.44_6$ | $3.51_6$ | $3.28_6$ | $8.34_4$ | $6.94_4$ | $C_4H_6CaO_4.5H_2O$ | 14– 792 | |
| | 11.7x | $16.7_8$ | $8.40_7$ | $7.50_5$ | $8.60_4$ | $5.57_3$ | $3.52_3$ | $3.28_3$ | $C_4H_6CaO_4.(H_2O)_{0.5}$ | 19– 199 | |
| | 30.4x | $15.2_8$ | $4.48_3$ | $5.01_2$ | $2.56_1$ | $1.49_1$ | $3.30_1$ | $10.0_1$ | $NaxAl_4Si_8O_{20}(OH)_{10}.nH_2O$ | 22– 956 | |
| | $12.5_8$ | 15.0x | $4.50_6$ | $3.40_4$ | $2.60_4$ | $2.75_2$ | $0.00_1$ | $0.00_1$ | $KMg_9(SiAl)_8O_{20}OH_4.xH_2O$ | 13– 465 | |
| i | 28.0x | $14.1_8$ | $2.98_8$ | $2.70_8$ | $4.85_6$ | $4.44_5$ | $5.27_4$ | $5.60_3$ | $Ca_2Cu_8(AsO_4)_4(OH)_{10}.10H_2O$ | 11– 348 | |
| | 10.7x | $13.6_9$ | $3.24_9$ | $9.20_8$ | $3.60_2$ | $2.91_2$ | $3.33_1$ | $2.67_1$ | $C_2H_3KO_2$ | 14– 739 | |
| i | 11.8x | 13.5, | 2.93, | $4.21_5$ | $3.73_5$ | $3.38_5$ | $3.28_5$ | $3.15_5$ | $KAlSiO_4.2H_2O$ | 22– 793 | |
| | 11.6x | 13.3x | $2.99_8$ | $2.91_8$ | $6.72_4$ | $6.00_4$ | $5.80_4$ | $4.16_4$ | $K_2Al_2Si_2O_8.3.8H_2O$ | 18– 988 | |
| | 10.5x | 13.1x | 3.32x | 2.91x | $3.43_8$ | $2.85_6$ | $2.81_6$ | $2.66_6$ | $C_2H_3O_2K.1.5H_2O$ | 20– 946 | |
| | 11.5x | 13.0x | 3.86, | $3.49_2$ | $3.00_2$ | $2.61_1$ | $2.90_1$ | $2.52_1$ | $C_2H_3HgO_2$ | 14– 728 | |
| | 10.8x | 13.0x | $9.90_4$ | $15.2_4$ | $24.9_3$ | $5.46_2$ | $5.30_2$ | $3.99_2$ | $(NH_4)_2Na_6W_{12}O_{41}.25H_2O$ | 33– 78 | |
| i | 10.8x | 13.0x | 5.84x | $6.83_8$ | $4.37_8$ | $4.32_8$ | $3.12_8$ | $4.82_7$ | $Al_{13}(OH)_{11}(CrO_4)_{14}.51H_2O$ | 32– 8 | |
| o | 14.5x | $12.9_1$ | $11.8_1$ | $7.20_1$ | $4.88_1$ | $2.60_1$ | $4.25_1$ | $0.00_1$ | $NaGa_3O_8$ | 21–1114 | |
| o | 10.2x | $12.8_8$ | $12.0_8$ | $9.54_8$ | $7.13_8$ | $3.95_8$ | $3.29_8$ | $3.16_8$ | $Na_6Nb_8O_{23}.9H_2O$ | 28–1119 | |
| o | 10.3x | 12.6x | 6.29x | 4.82x | 4.48x | 2.27x | $8.04_6$ | $5.87_6$ | $Na_2UO_2(SeO_3)_2$ | 16– 628 | |
| | 15.0x | $12.5_8$ | $4.50_6$ | $3.40_4$ | $2.60_4$ | $2.75_2$ | $0.00_1$ | $0.00_1$ | $KMg_9(SiAl)_8O_{20}OH_4.xH_2O$ | 13– 465 | |
| o | 11.2x | $12.5_4$ | $3.13_4$ | $3.07_3$ | $2.99_2$ | $5.07_1$ | $3.41_1$ | $6.66_1$ | $NaPr(SO_3)_2.2H_2O$ | 32–1145 | |
| o | 11.5x | $12.4_9$ | $3.11_3$ | $5.07_2$ | $3.75_1$ | $3.40_1$ | $3.05_1$ | $2.96_1$ | $NaNd(SO_3)_2.2H_2O$ | 32–1135 | |
| o | 13.5x | $12.3_8$ | $6.12_8$ | $3.36_5$ | $4.72_4$ | $2.74_3$ | $7.43_2$ | $6.73_2$ | $Ca_5MgB_{24}O_{42}.30H_2O$ | 23– 129 | |
| | $10.8_8$ | 12.3x | 5.95, | $4.82_6$ | $6.17_6$ | $6.73_5$ | $9.70_3$ | $9.43_3$ | $(NH_4)_3MgAl(P_2O_7)_2F_2.6H_2O$ | 28– 73 | |
| i | 10.0x | 12.3x | $9.30_8$ | $2.61_7$ | $2.10_7$ | $4.65_5$ | $7.80_4$ | $7.10_4$ | $Ca_3AlV_{14}O_{40}.28H_2O$ | 11– 191 | |
| | 10.9x | 12.2x | 3.16x | 12.9, | $4.16_6$ | $4.00_6$ | $3.64_4$ | $3.62_4$ | $C_4H_6Cs_2O_4.H_2O$ | 28– 273 | |
| c | 9.92, | 12.2x | $9.21_7$ | $7.70_1$ | $6.08_1$ | $6.27_1$ | $5.39_1$ | $5.19_1$ | $Ca_9(Al_2V_{28}O_{80}).56H_2O$ | 33– 263 | 12-19 |
| * | 17.0x | $12.0_9$ | $7.62_6$ | $3.11_3$ | $2.69_3$ | $5.38_4$ | $6.01_3$ | $7.10_3$ | $KNaCaY_2Si_6O_{12}(OH)_{10}.4H_2O$ | 22– 508 | |
| i | 23.8x | 11.9, | $3.40_2$ | $2.97_2$ | $1.97_1$ | $4.75_1$ | $1.83_1$ | $3.96_1$ | $NaAl_4Si_8O_{20}(OH)_4.2H_2O$ | 25– 781 | |
| * | 23.1x | 11.9x | $9.10_1$ | $3.18_1$ | $6.91_1$ | $13.9_1$ | $9.70_1$ | $8.00_1$ | $Fe_4(PO_4)_3(OH)_3.12H_2O$ | 14– 331 | |
| | 16.8x | 11.9x | $8.66_8$ | $3.54_8$ | $3.35_8$ | $7.50_7$ | $3.45_7$ | $3.29_7$ | $C_4H_6CaNO_4$ | 22– 26 | |
| * | 11.1x | 11.9, | $3.43_2$ | $3.06_1$ | $6.89_1$ | $5.16_1$ | $3.29_1$ | $3.02_1$ | $Mg_4(OH)_2(CO_3)_2SO_4.6H_2O$ | 7– 410 | |
| | 16.7x | $11.8_8$ | $8.59_8$ | $7.44_6$ | $3.51_6$ | $3.28_6$ | $8.34_4$ | $6.94_4$ | $C_4H_6CaO_4.5H_2O$ | 14– 792 | |
| | 16.7, | 11.7x | $8.40_7$ | $7.50_5$ | $8.60_4$ | $5.57_3$ | $3.52_3$ | $3.28_3$ | $C_4H_6CaO_4.(H_2O)_{0.5}$ | 19– 199 | |
| * | $10.9_8$ | 11.7x | $3.34_7$ | $3.60_6$ | $5.42_4$ | $4.60_4$ | $3.48_4$ | $4.50_3$ | $C_4H_4F_2O_4Sn$ | 21–1421 | |
| o | 10.7x | 11.7x | 1.92x | 1.52x | $5.45_8$ | $3.68_8$ | $3.34_8$ | $2.58_8$ | $Mg_5Al_4O_{11}.15H_2O$ | 11– 492 | |
| | 13.3x | 11.6x | $2.99_8$ | $2.91_8$ | $6.72_4$ | $6.00_4$ | $5.80_4$ | $4.16_4$ | $K_2Al_2Si_2O_8.3.8H_2O$ | 18– 988 | |
| i | $11.1_8$ | 11.6x | $9.71_8$ | $7.91_8$ | $6.28_8$ | $5.63_8$ | $5.17_8$ | $4.86_8$ | $K_{14}P_2W_{19}O_{69}.24H_2O$ | 31–1119 | |
| | 13.0x | 11.5x | $3.86_3$ | $3.49_2$ | $3.00_2$ | $2.61_1$ | $2.90_1$ | $2.52_1$ | $C_2H_3HgO_2$ | 14– 729 | |
| o | $12.4_9$ | 11.5x | $3.11_3$ | $5.07_2$ | $3.75_1$ | $3.40_1$ | $3.05_1$ | $2.96_1$ | $NaNd(SO_3)_2.2H_2O$ | 32–1135 | |
| | 11.3, | 11.5x | $10.5_6$ | $4.95_4$ | $4.77_3$ | $2.68_2$ | $2.66_2$ | $3.20_3$ | $Ce_2(SO_4)_3.7H_2O$ | 27– 533 | |
| o | $10.2_9$ | 11.5x | 4.30x | 2.44x | $3.10_9$ | $10.9_7$ | $3.70_7$ | $2.48_7$ | $(Na,Ce)_3Ti(Si,C)_3O_9.xH_2O$ | 25– 783 | |
| o | 9.91x | 11.5x | $7.49_8$ | $3.02_8$ | $4.88_6$ | $3.56_6$ | $3.31_6$ | $2.76_6$ | $MgMo_2O_{10}.10H_2O$ | 32– 625 | |
| * | 17.0x | 11.3x | $12.2_9$ | $15.1_8$ | $11.1_8$ | $8.57_8$ | $5.98_8$ | $9.80_6$ | $Hf(OH)_2SO_4.2H_2O$ | 21– 361 | |
| | 11.5x | $11.3_9$ | $10.5_6$ | $4.95_4$ | $4.77_3$ | $2.68_2$ | $2.66_2$ | $3.20_3$ | $Ce_2(SO_4)_3.7H_2O$ | 27– 533 | |
| o | 10.5x | $11.3_7$ | $6.77_7$ | $6.67_5$ | $3.76_3$ | $3.83_4$ | $9.51_4$ | $3.40_4$ | $(NH_4)_3ZrSO_4F_4$ | 30– 71 | |
| o | $9.82_8$ | 11.3x | $3.32_8$ | $8.56_6$ | $4.24_6$ | $3.74_6$ | $2.01_6$ | $9.45_4$ | $Ti_{29}O_{42}Cl_{32}.110H_2O$ | 21–1237 | |
| | $13.2_8$ | 11.2x | 10.6x | 2.98x | $4.25_8$ | $3.47_8$ | $3.31_8$ | $3.09_8$ | $Na_{11}Nb_9O_{28}.24H_2O$ | 27–1277 | |
| | 12.3x | $11.2_7$ | $3.09_3$ | $3.72_1$ | $6.56_1$ | $5.25_1$ | $2.93_1$ | $2.80_1$ | $NaSm(SO_3)_2.2H_2O$ | 33–1276 | |
| | 10.6x | 11.2x | 2.98x | $13.2_8$ | $4.25_8$ | $3.47_8$ | $3.31_8$ | $3.09_8$ | $Na_{11}Nb_9O_{28}.24H_2O$ | 27–1277 | |
| | 10.3x | $11.2_4$ | $9.44_6$ | $9.15_6$ | $4.60_4$ | $3.67_4$ | $3.45_6$ | $2.67_6$ | $Na_6Nb_4O_{13}.13H_2O$ | 28–1120 | |
| | $9.80_8$ | 11.2x | $3.21_8$ | $3.41_4$ | $3.10_4$ | $4.35_4$ | $3.81_3$ | $1.96_3$ | $10MoO_3.H_3PO_4.24H_2O$ | 1– 32 | |
| i | 11.6x | $11.1_8$ | $9.71_8$ | $7.91_8$ | $6.28_8$ | $5.63_8$ | $5.17_8$ | $4.86_8$ | $K_{14}P_2W_{19}O_{69}.24H_2O$ | 31–1119 | |
| | 10.5x | 11.0x | $9.65_8$ | 15.8, | $7.49_6$ | $3.14_6$ | $3.03_6$ | $2.95_6$ | $Na_6Nb_6O_{18}.14H_2O$ | 28–1121 | |
| | 10.1x | 11.0x | 3.52x | 3.33, | $3.21_4$ | $2.97_4$ | $9.50_2$ | $3.99_2$ | $C_4H_4O_4Sr.1/2H_2O$ | 14– 736 | |
| o | 12.4x | $10.9_6$ | $4.24_6$ | $3.54_6$ | $2.37_6$ | $0.00_1$ | $0.00_1$ | $0.00_1$ | $C_8F_{12}Na_2O_{10}W$ | 24–1147 | |
| | 12.2x | 10.9x | 3.16x | 12.9, | $4.16_6$ | $4.00_6$ | $3.64_6$ | $3.62_6$ | $C_4H_6Cs_2O_4.H_2O$ | 28– 273 | |
| * | 11.7x | $10.9_8$ | $3.34_7$ | $3.60_6$ | $5.42_4$ | $4.60_4$ | $3.48_4$ | $4.50_3$ | $C_4H_4F_2O_4Sn$ | 21–1421 | |
| o | $11.3_9$ | 10.9x | 9.80x | $8.40_5$ | $8.30_5$ | $5.50_5$ | $3.59_5$ | $2.84_5$ | $K_{2.4}Na_{0.6}W_{12}O_{41}.22H_2O$ | 32– 843 | |
| | $10.2_8$ | 10.9x | $8.30_8$ | $2.97_8$ | $2.90_8$ | $6.92_6$ | $6.45_6$ | $4.34_6$ | $K_8Ta_6O_{19}.16H_2O$ | 21–1005 | |
| | 10.0x | $10.9_8$ | $2.86_6$ | $3.68_5$ | $2.76_5$ | $3.64_5$ | $5.50_4$ | $5.20_4$ | $K_5Na_3W_{12}O_{41}.26H_2O$ | 33–1044 | |
| * | 9.94x | 10.9x | $9.54_8$ | $8.06_8$ | $12.2_8$ | $10.2_8$ | $3.41_4$ | $11.4_3$ | $Na_6(P_2Mo_{18}O_{62}).2H_2O$ | 20–1131 | |
| o | 9.80x | 10.9x | $11.3_9$ | $8.40_5$ | $8.30_5$ | $5.50_5$ | $3.59_5$ | $2.84_5$ | $K_{2.4}Na_{0.6}W_{12}O_{41}.22H_2O$ | 32– 843 | |
| | 13.0x | 10.8x | $9.90_4$ | $15.2_4$ | $24.9_3$ | $5.46_2$ | $5.30_2$ | $3.99_2$ | $(NH_4)_2Na_6W_{12}O_{41}.25H_2O$ | 33– 78 | |
| i | 13.0x | 10.8x | 5.84x | $6.83_8$ | $4.37_8$ | $4.32_8$ | $3.12_8$ | $4.82_7$ | $Al_{13}(OH)_{11}(CrO_4)_{14}.51H_2O$ | 32– 8 | |
| | 11.9x | 10.8, | 13.2, | $5.78_8$ | $2.89_4$ | $8.53_4$ | $2.95_4$ | $17.3_4$ | $(NH_4)_4Na_6W_{12}O_{41}.21H_2O$ | 33– 77 | |
| | 10.0x | 10.8x | 8.84x | $8.04_8$ | $7.37_8$ | $2.44_8$ | $3.63_5$ | $3.45_5$ | $Na_6V_{10}O_{28}.18H_2O$ | 20–1176 | |
| o | $16.9_8$ | 10.7x | $12.2_8$ | $9.54_8$ | $6.81_8$ | $3.14_8$ | $2.94_8$ | $2.86_8$ | $Na_{16}Nb_{24}O_{69}.61H_2O$ | 28–1123 | |
| | $13.6_9$ | 10.7x | $3.24_9$ | $9.20_8$ | $3.60_2$ | $2.91_2$ | $3.33_1$ | $2.67_1$ | $C_2H_3KO_2$ | 14– 739 | |
| o | $12.2_8$ | 10.7x | $16.9_8$ | $9.54_8$ | $6.81_8$ | $3.14_8$ | $2.94_8$ | $2.86_8$ | $Na_{16}Nb_{24}O_{69}.61H_2O$ | 28–1123 | |
| o | 11.7x | 10.7x | 1.92x | 1.52x | $5.45_8$ | $3.68_8$ | $3.34_8$ | $2.58_8$ | $Mg_5Al_4O_{11}.15H_2O$ | 11– 492 | |
| | 10.3x | 10.7x | 7.19x | $8.62_8$ | $7.33_8$ | $6.57_8$ | $4.08_6$ | $3.09_6$ | $C_{24}H_{36}Mg_7O_{25}.8H_2O$ | 14– 823 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | **44.6x** | **10.6x** | **21.8$_7$** | **3.19$_4$** | **4.87$_3$** | **14.3$_2$** | **3.33$_2$** | **1.97$_1$** | $NaKAl_8Si_{16}O_{40}(OH)_8.2H_2O$ | **26– 970** | |
| | **12.1x** | **10.6$_6$** | **2.90$_5$** | 2.12$_3$ | 5.79$_4$ | 4.35$_4$ | 17.4$_3$ | 3.53$_3$ | $V_2O_5.3H_2O$ | **7– 332** | |
| | **11.2x** | **10.6x** | **2.98x** | 13.2$_8$ | 4.25$_8$ | 3.47$_6$ | 3.31$_6$ | 3.09$_6$ | $Na_{11}Nb_9O_{28}.24H_2O$ | **27–1277** | |
| i | **10.4x** | **10.6$_7$** | **6.92$_4$** | 5.61$_4$ | 3.81$_4$ | 2.83$_4$ | 3.52$_3$ | 3.25$_3$ | $Fe_4(AsO_4)_3(SO_4)(OH).15H_2O$ | **29– 695** | |
| i | **9.91x** | **10.6$_6$** | **6.65$_6$** | 4.29$_6$ | 3.23$_6$ | 3.47$_3$ | 2.86$_3$ | 2.73$_3$ | $Sm_2(SO_3)_3.6H_2O$ | **29–1120** | |
| | **13.1x** | **10.5x** | **3.32x** | 2.91x | 3.43$_8$ | 2.85$_6$ | 2.81$_6$ | 2.66$_4$ | $C_2H_3O_2K.1.5H_2O$ | **20– 846** | |
| | **11.0x** | **10.5x** | **9.65$_8$** | 15.8$_6$ | 7.49$_6$ | 3.14$_6$ | 3.03$_6$ | 2.95$_4$ | $Na_6Nb_6O_{18}.14H_2O$ | **28–1121** | |
| | **11.9x** | **10.4$_6$** | **7.83$_4$** | 3.62$_1$ | 6.53$_1$ | 5.92$_1$ | 5.71$_1$ | 5.29$_1$ | $C_{10}H_{14}Co_2O_{11}$ | **22– 582** | |
| | **11.1$_8$** | **10.4x** | **3.56x** | 7.75$_8$ | 6.08$_8$ | 5.30$_8$ | 4.54$_8$ | 3.33$_8$ | $(N_2H_5)_2UF_6$ | **23– 965** | |
| o | **10.2x** | **10.4x** | **3.07x** | 2.76x | 6.49$_8$ | 6.38$_8$ | 5.19$_8$ | 5.05$_8$ | $K_8P_8O_{24}.6H_2O$ | **28– 793** | |
| o | **12.6x** | **10.3x** | **6.29x** | 4.82x | 4.48x | 2.27x | 8.04$_6$ | 5.87$_6$ | $Na_2UO_2(SeO_3)_2$ | **16– 628** | |
| | **10.7x** | **10.3$_4$** | **8.64$_4$** | 7.18$_4$ | 7.30$_3$ | 6.55$_2$ | 6.60$_2$ | 4.07$_2$ | $C_{14}H_{22}Co_4O_{13}.2H_2O$ | **22– 583** | |
| | **10.7x** | **10.3x** | **7.19x** | 8.62$_8$ | 7.33$_8$ | 6.57$_8$ | 4.08$_6$ | 3.09$_6$ | $C_{24}H_{36}Mg_7O_{23}.8H_2O$ | **14– 823** | |
| | **9.80$_9$** | **10.3x** | **10.8$_6$** | 6.30$_3$ | 5.97$_2$ | 3.48$_2$ | 6.43$_2$ | 3.13$_2$ | $C_4H_6CaO_4$ | **18– 293** | |
| | **12.3x** | **10.2$_6$** | **3.57$_4$** | 6.85$_4$ | 6.83$_4$ | 8.35$_3$ | 3.21$_3$ | 3.20$_3$ | $HfOCl_2.6H_2O$ | **15– 350** | |
| | **10.9x** | **10.2$_8$** | **8.30$_8$** | 2.97$_8$ | 2.90$_8$ | 6.92$_6$ | 6.45$_6$ | 4.34$_6$ | $K_8Ta_6O_{19}.16H_2O$ | **21–1005** | |
| | **10.8$_8$** | **10.2x** | **8.88x** | 7.90$_8$ | 7.50$_8$ | 6.22$_8$ | 3.96$_8$ | 3.13$_8$ | $Na_8Ta_6O_{19}.24H_2O$ | **24– 948** | |
| o | **10.4x** | **10.2x** | **3.07x** | 2.76x | 6.49$_8$ | 6.38$_8$ | 5.19$_8$ | 5.05$_8$ | $K_8P_8O_{24}.6H_2O$ | **28– 793** | |
| | **9.82x** | **10.2$_8$** | **4.65$_8$** | 6.19$_7$ | 5.21$_7$ | 3.36$_7$ | 10.9$_6$ | 5.38$_6$ | $Na_3(H_6Mo_6CrO_{24}).8H_2O$ | **28–1092** | |
| | **12.0x** | **10.1$_7$** | **3.07$_1$** | 3.13$_1$ | 4.97$_1$ | 6.46$_1$ | 4.11$_1$ | 3.67$_1$ | $NaEu(SO_3)_2.2H_2O$ | **33–1242** | |
| | **11.0x** | **10.1x** | **3.52x** | 3.33$_6$ | 3.21$_4$ | 2.97$_4$ | 9.50$_2$ | 3.99$_2$ | $C_4H_6O_4Sr.1/2H_2O$ | **14– 735** | |
| i | **12.3x** | **10.0x** | **9.30$_8$** | 2.61$_7$ | 2.10$_7$ | 4.65$_5$ | 7.80$_4$ | 7.10$_4$ | $Ca_3AlV_{14}O_{40}.28H_2O$ | **11– 191** | |
| | **10.9$_8$** | **10.0x** | **2.86$_6$** | 3.68$_5$ | 2.76$_5$ | 3.64$_5$ | 5.50$_4$ | 5.20$_4$ | $K_2Na_3W_{12}O_{41}.26H_2O$ | **33–1044** | |
| | **10.8x** | **10.0x** | **8.84x** | 8.04$_8$ | 7.37$_8$ | 2.44$_8$ | 3.63$_3$ | 3.45$_3$ | $Na_6V_{10}O_{28}.18H_2O$ | **20–1176** | |
| o | **10.3x** | **9.97$_6$** | **3.64$_3$** | 2.47$_3$ | 5.71$_1$ | 4.16$_1$ | 3.27$_1$ | 2.29$_1$ | $C_4H_2F_4O_4Sn$ | **21–1422** | |
| * | **10.9x** | **9.94x** | **9.54$_8$** | 8.06$_8$ | 12.2$_8$ | 10.2$_8$ | 3.41$_6$ | 11.4$_5$ | $Na_6(P_2Mo_{18}O_{62}).2H_2O$ | **20–1131** | |
| i | **12.2x** | **9.92$_9$** | **9.21$_7$** | 7.70$_1$ | 6.08$_1$ | 6.27$_1$ | 5.39$_1$ | 5.19$_1$ | $Ca_9(Al_2V_{28}O_{80}).56H_2O$ | **33– 263** | **12.36** |
| o | **11.5x** | **9.91x** | **7.49$_8$** | 3.02$_8$ | 4.88$_6$ | 3.56$_6$ | 3.31$_6$ | 2.76$_6$ | $MgMo_3O_{10}.10H_2O$ | **32– 625** | |
| o | **11.3x** | **9.82$_8$** | **3.32$_8$** | 8.56$_6$ | 4.24$_6$ | 3.74$_6$ | 2.01$_6$ | 9.45$_4$ | $Ti_{29}O_{42}Cl_{32}.110H_2O$ | **21–1237** | |
| | **10.2$_5$** | **9.82x** | **4.65$_8$** | 6.19$_7$ | 5.21$_7$ | 3.36$_7$ | 10.9$_6$ | 5.38$_6$ | $Na_3(H_6Mo_6CrO_{24}).8H_2O$ | **28–1092** | |
| | **11.2x** | **9.80$_8$** | **3.21$_8$** | 3.41$_4$ | 3.10$_4$ | 4.35$_4$ | 3.81$_3$ | 1.96$_3$ | $10MoO_3.H_3PO_4.24H_2O$ | **1– 32** | |
| o | **10.9x** | **9.80x** | **11.3$_9$** | 8.40$_3$ | 8.30$_3$ | 5.50$_3$ | 3.59$_3$ | 2.84$_3$ | $K_{3.4}Na_{6.6}W_{12}O_{41}.22H_2O$ | **32– 843** | |
| | **10.3x** | **9.80$_9$** | **10.8$_6$** | 6.30$_3$ | 5.97$_2$ | 3.48$_2$ | 6.43$_2$ | 3.13$_2$ | $C_4H_6CaO_4$ | **18– 293** | |
| o | **11.9g** | **9.75g** | **3.76x** | 2.94x | 3.51$_9$ | 5.73$_6$ | 4.00$_6$ | 6.72$_4$ | $C_2H_6O_4Pb$ | **18–1738** | |
| | **12.2$_8$** | **9.70x** | **7.31x** | 3.30x | 7.59$_8$ | 3.96$_8$ | 3.79$_8$ | 2.80$_8$ | $Na_5(W_6O_{21}H).10.5H_2O$ | **24– 956** | |
| | **9.80$_8$** | **9.58x** | **3.33x** | 6.53$_8$ | 5.67$_7$ | 3.03$_7$ | 7.02$_4$ | 3.68$_4$ | $(NH_4)_4(MnH_6Mo_6O_{24}).3H_2O$ | **22– 57** | |
| * | **10.2x** | **9.54$_7$** | **7.65$_6$** | 7.19$_3$ | 4.78$_2$ | 4.35$_2$ | 4.19$_2$ | 5.02$_2$ | $Zn_2NaP_3O_{10}.9H_2O$ | **7– 83** | |
| i | **10.2$_9$** | **9.53x** | **7.57$_4$** | 7.05$_2$ | 7.77$_1$ | 4.23$_1$ | 2.72$_1$ | 5.11$_1$ | $Zn_2HP_3O_{10}.6H_2O$ | **30–1478** | **3.19** |
| | **10.2x** | **9.51$_7$** | **3.85$_6$** | 3.28$_6$ | 5.05$_5$ | 3.22$_5$ | 3.00$_5$ | 4.10$_4$ | $PbB_4O_7.3H_2O$ | **28– 523** | |
| | **10.1x** | **9.50$_8$** | **7.70$_6$** | 7.20$_6$ | 4.77$_4$ | 4.33$_4$ | 4.18$_4$ | 3.82$_4$ | $NaZn_2P_3O_{10}.9H_2O$ | **11– 382** | |
| o | **11.6x** | **9.37$_9$** | **6.73$_9$** | 7.25$_6$ | 5.27$_6$ | 8.10$_5$ | 4.74$_5$ | 7.90$_3$ | $(NH_4)_2(Mo_6Cl_8)(NCS)_6.2.5H_2O$ | **30– 62** | |
| i | **13.1x** | **9.27$_8$** | **6.13$_8$** | 3.60$_7$ | 3.41$_7$ | 3.22$_6$ | 3.13$_6$ | 2.88$_6$ | $NaCa_6Al_9Si_{13}O_{26}(OH)_{40}$ | **25–1321** | |
| | **10.4x** | **9.25x** | **8.34x** | 7.76$_8$ | 3.11$_8$ | 4.84$_6$ | 3.08$_6$ | 2.78$_6$ | $Na_8Ta_6O_{19}.24H_2O$ | **27–1286** | |
| | **9.96x** | **9.25$_4$** | **4.99$_3$** | 3.33$_2$ | 2.00$_2$ | 2.50$_1$ | 1.67$_1$ | 1.12$_1$ | $C_4H_6CdO_4$ | **28– 180** | |
| i | **18.1$_8$** | **9.20x** | **5.58$_8$** | 6.17$_7$ | 3.58$_5$ | 3.50$_5$ | 5.32$_3$ | 4.68$_3$ | $Mg(FeAl)_4(SO_4)_6OH_2.20H_2O$ | **20– 659** | |
| | **9.80x** | **9.20x** | **7.24x** | 2.90x | 2.51$_8$ | 2.13$_8$ | 6.80$_6$ | 4.40$_6$ | $Al_4(PO_4)_3(OH)_3.11H_2O$ | **29– 68** | |
| i | **18.2$_8$** | **9.08x** | **2.02$_6$** | 3.29$_3$ | 2.90$_2$ | 3.76$_2$ | 3.07$_2$ | 2.60$_2$ | $Na_6K_2Fe_7(SO_4)_{12}O_2.18H_2O$ | **29–1043** | |
| i | **10.7x** | **9.07x** | **3.03$_3$** | 2.67$_3$ | 4.74$_2$ | 2.45$_2$ | 2.35$_2$ | 2.12$_2$ | $Mg_9B_2O_{12}.8H_2O$ | **14– 640** | |
| | **11.0x** | **9.06x** | **5.37$_7$** | 9.97$_5$ | 5.83$_4$ | 6.42$_3$ | 4.96$_3$ | 7.96$_2$ | $AgS_2PF_2$ | **23– 645** | |
| | **11.7$_8$** | **9.04x** | **5.83$_8$** | 5.41$_8$ | 4.21$_8$ | 3.47$_8$ | 2.95$_8$ | 2.70$_8$ | $MgFe_2(SO_4)_4(OH)_3.18H_2O$ | **20– 679** | |
| | **10.6$_9$** | **8.98x** | **3.69$_7$** | 3.82$_6$ | 4.50$_4$ | 3.51$_4$ | 2.71$_4$ | 3.62$_3$ | $C_4Na_2O_9Ti.3H_2O$ | **33–1292** | |
| | **17.7$_9$** | **8.94x** | **2.84$_8$** | 5.57$_6$ | 2.96$_6$ | 2.68$_6$ | 1.71$_5$ | 3.85$_4$ | $K_2Ca_3Al_4P_4O_{20}(OH)_{14}.3H_2O$ | **29–1037** | |
| | **10.5x** | **8.93x** | **8.54x** | 7.89x | 7.69x | 5.82$_6$ | 4.37$_6$ | 3.93$_6$ | $NaNbO_3.3.5H_2O$ | **21–1148** | |
| | **10.3x** | **8.93x** | **7.19$_6$** | 7.05$_6$ | 6.25$_6$ | 3.15$_6$ | 2.91$_6$ | 6.15$_3$ | $Na_4Nb_6O_{17}.12H_2O$ | **21–1149** | |
| | **10.2x** | **8.88x** | **10.8$_8$** | 7.90$_8$ | 7.50$_8$ | 6.22$_8$ | 3.96$_8$ | 3.13$_8$ | $Na_8Ta_6O_{19}.24H_2O$ | **24– 948** | |
| i | **21.0x** | **8.84$_8$** | **1.82$_7$** | 2.95$_6$ | 2.92$_6$ | 3.11$_6$ | 3.00$_6$ | 2.80$_5$ | $CaSi_2O_5.2H_2O$ | **33– 305** | |
| o | **9.81x** | **8.83x** | **6.06$_8$** | 3.83$_8$ | 3.73$_8$ | 4.98$_6$ | 4.23$_6$ | 3.16$_6$ | $C_{12}H_{14}Cr_2O_{10}$ | **23–1984** | |
| i | **14.7x** | **8.80$_9$** | **3.85$_9$** | 2.39$_6$ | 5.78$_6$ | 3.35$_5$ | 2.97$_5$ | 7.20$_4$ | $Na_8Be_{14}Al_4Si_6O_{24}.xH_2O$ | **25– 785** | |
| | **11.1x** | **8.77x** | **5.12x** | 4.99x | 4.41x | 4.28x | 4.20x | 4.06x | $Li_4AsO_3S(OH).4H_2O$ | **22– 417** | |
| | **15.2x** | **8.76x** | **3.79$_8$** | 3.38$_7$ | 3.29$_6$ | 5.07$_5$ | 4.03$_5$ | 5.71$_4$ | $(NH_4)_4Fe(P_2O_7)_3.9H_2O$ | **28– 248** | |
| | **12.3x** | **8.71$_7$** | **2.99$_6$** | 3.71$_5$ | 3.29$_5$ | 7.11$_4$ | 4.11$_4$ | 5.51$_3$ | $(NaAlSiO_4)_{12}.27H_2O$ | **11– 590** | |
| | **10.2x** | **8.71$_8$** | **3.25$_8$** | 2.88$_5$ | 3.12$_5$ | 3.02$_5$ | 2.97$_5$ | 2.65$_5$ | $C_2H_3KO_2$ | **20– 844** | |
| | **12.6x** | **8.70x** | **9.65$_8$** | 7.10$_6$ | 4.32$_5$ | 6.13$_4$ | 4.65$_3$ | 3.94$_3$ | $Ca_2Cu(UO_2)(CO_3)_4.6H_2O$ | **33– 274** | |
| i | **11.3x** | **8.69x** | **3.57$_8$** | 3.05$_8$ | 3.11$_6$ | 5.16$_4$ | 4.98$_4$ | 3.41$_4$ | $FeSO_4(OH).3H_2O$ | **17– 158** | |
| | **13.1x** | **8.66x** | **3.26x** | 3.18x | 7.25$_6$ | 3.63$_6$ | 2.94$_6$ | 2.81$_6$ | $K_4Ta_2O_7.9H_2O$ | **21– 688** | |
| | **12.2x** | **8.66$_4$** | **3.28$_4$** | 4.08$_4$ | 3.70$_4$ | 7.08$_3$ | 2.97$_3$ | 2.61$_3$ | $Ca_6(AlSiO_4)_{12}.30H_2O$ | **11– 589** | |
| i | **9.81$_8$** | **8.66x** | **4.33$_8$** | 4.91$_6$ | 3.74$_6$ | 5.98$_4$ | 5.63$_4$ | 3.98$_4$ | $Al_2(OH)_6.H_2O$ | **31– 18** | |
| o | **10.2x** | **8.62$_8$** | **4.31$_8$** | 3.64$_4$ | 2.87$_4$ | 5.55$_3$ | 5.10$_3$ | 3.52$_3$ | $Al_2(UO_2)(PO_4)_2(OH)_2.8H_2O$ | **29– 98** | |
| | **11.6x** | **8.61$_8$** | **6.28$_4$** | 3.61$_2$ | 2.84$_2$ | 3.26$_1$ | 4.98$_1$ | 2.56$_1$ | $C_8H_{12}Co_2O_9$ | **22– 595** | |
| | **12.2$_8$** | **8.60x** | **10.1$_8$** | 6.90$_8$ | 3.63$_8$ | 7.50$_4$ | 5.70$_4$ | 4.90$_4$ | $C_{10}H_{15}Al_2ClO_{10}$ | **21– 2** | |
| | **10.1$_8$** | **8.60x** | **12.2$_8$** | 6.90$_8$ | 3.63$_8$ | 7.50$_4$ | 5.70$_4$ | 4.90$_4$ | $C_{10}H_{15}Al_2ClO_{10}$ | **21– 2** | |
| | **12.1x** | **8.57$_7$** | **3.24$_7$** | 3.66$_6$ | 2.95$_6$ | 7.03$_5$ | 4.06$_5$ | 3.39$_4$ | $Na_9(AlO_2)_9(SiO_2)_{13}.2.7H_2O$ | **14– 298** | |
| i | **10.7x** | **8.52$_4$** | **7.90$_4$** | 6.33$_3$ | 5.34$_3$ | 3.31$_3$ | 2.25$_3$ | 1.52$_2$ | $NaAl_9V_{10}O_{38}.30H_2O$ | **25– 782** | |
| | **11.5x** | **8.50$_6$** | **5.70$_3$** | 3.77$_2$ | 3.38$_2$ | 3.59$_2$ | 3.20$_2$ | 3.24$_2$ | $(NH_4)_2Hf_2O(SO_4)_4.2H_2O$ | **33– 59** | |
| o | **11.6$_8$** | **8.49x** | **8.10x** | 8.03x | 10.3$_8$ | 7.10$_8$ | 6.75$_5$ | 5.98$_3$ | $NH_4NbO_3.H_2O$ | **17– 588** | |
| o | **9.86x** | **8.42$_8$** | **4.25$_8$** | 3.19$_8$ | 7.89$_6$ | 6.37$_6$ | 3.06$_6$ | 2.78$_6$ | $Na_{10}Nb_{12}O_{35}.39H_2O$ | **28–1122** | |
| | **10.1x** | **8.41$_8$** | **5.12$_8$** | 3.22$_6$ | 5.04$_5$ | 6.52$_4$ | 4.83$_4$ | 3.01$_4$ | $(NH_4)_{10}W_{12}O_{41}$ | **25– 45** | **5.40** |
| | **9.90x** | **8.40x** | **7.20x** | 4.55x | 4.22x | 4.00x | 3.60x | 3.48x | $\alpha$–$LiHZr(PO_4)_2$ | **28– 569** | |
| | **9.87x** | **8.40$_6$** | **6.73$_2$** | 3.08$_2$ | 3.50$_1$ | 5.16$_1$ | 3.20$_1$ | 7.70$_1$ | $Fe_2(MoO_4)_3.8H_2O$ | **13– 191** | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * | 10.2x | 8.35$_5$ | 7.25$_4$ | 5.94$_3$ | 4.17$_2$ | 5.79$_1$ | 3.20$_1$ | 6.20$_1$ | $C_4H_6MgO_4$ | 14– 826 | |
| | 9.95$_9$ | 8.35x | 7.69$_9$ | 6.07$_8$ | 3.77$_8$ | 3.83$_7$ | 4.50$_6$ | 4.47$_6$ | $Fe(H_2AsO_4)_3.5H_2O$ | 28– 485 | |
| | 9.95$_9$ | 8.35x | 7.69$_9$ | 6.07$_8$ | 3.77$_8$ | 3.83$_7$ | 4.50$_6$ | 4.48$_6$ | $FeAs_3O_9.8H_2O$ | 22– 625 | |
| | 9.90$_9$ | 8.35x | 7.65$_9$ | 6.06$_8$ | 3.76$_8$ | 3.83$_7$ | 3.51$_7$ | 4.42$_4$ | $CrAs_3O_9.8H_2O$ | 22– 206 | |
| i | 10.6x | 8.34x | 6.54x | 5.30$_6$ | 6.12$_6$ | 3.26$_6$ | 4.15$_5$ | 3.52$_5$ | $CHLaO_3$ | 26– 824 | |
| | 16.6x | 8.33x | 4.60x | 1.55x | 3.34$_8$ | 2.62$_8$ | 5.41$_5$ | 1.33$_5$ | $(ZnMg)_3(SiAl)_4O_{10}OH_2.xH_2O$ | 8– 444 | |
| | 9.87x | 8.31x | 7.63x | 4.38$_7$ | 3.75$_7$ | 6.04$_6$ | 4.46$_6$ | 4.36$_6$ | $Al(H_2AsO_4)_3.5H_2O$ | 28– 22 | |
| | 10.0x | 8.30x | 6.75$_9$ | 3.37$_8$ | 3.22$_7$ | 3.06$_6$ | 3.72$_5$ | 3.53$_5$ | $Fe_2Mo_{3-9}O_{14-7}.10.5H_2O$ | 15– 289 | |
| | 9.90$_8$ | 8.30x | 7.65$_9$ | 6.06$_8$ | 3.76$_7$ | 3.51$_7$ | 4.94$_6$ | 4.40$_6$ | $Ga(H_2AsO_4)_3.5H_2O$ | 28– 427 | |
| | 10.9x | 8.28x | 6.89$_9$ | 6.35$_9$ | 3.45$_5$ | 3.38$_5$ | 3.33$_5$ | 3.26$_5$ | $W_4I_{15}$ | 28–1401 | |
| | 11.0x | 8.20x | 6.80x | 3.64x | 5.50$_8$ | 7.60$_6$ | 6.30$_6$ | 3.09$_6$ | $C_{5.2}H_{2.4}AlClO_{5.2}$ | 21– 5 | |
| | 11.0x | 8.20x | 6.80x | 3.64x | 5.50$_8$ | 7.60$_6$ | 6.30$_6$ | 3.09$_6$ | $C_4H_6AlClO_4$ | 21– 3 | |
| o | 11.1x | 8.19$_8$ | 7.38$_3$ | 9.41$_2$ | 8.93$_2$ | 6.33$_2$ | 2.89$_2$ | 2.08$_2$ | $Co_2V_{10}O_{28}.27H_2O$ | 31– 443 | |
| o | 11.1x | 8.19$_8$ | 3.26$_4$ | 7.34$_3$ | 9.41$_2$ | 8.93$_2$ | 2.82$_2$ | 2.08$_2$ | $Co_3V_{10}O_{28}.30H_2O$ | 31– 445 | |
| | 11.3$_9$ | 8.11x | 5.62$_7$ | 5.53$_7$ | 10.8$_6$ | 5.45$_6$ | 5.09$_6$ | 5.02$_6$ | $K_3(H_3Mo_6CrO_{24}).7H_2O$ | 28– 757 | |
| * | 9.93x | 8.09x | 2.44x | 3.21$_9$ | 2.69$_8$ | 5.29$_7$ | 4.43$_7$ | 3.13$_5$ | $Al_2(OH)_3Cl.2H_2O$ | 31– 6 | |
| | 9.88x | 8.07x | 6.71x | 6.24x | 5.23x | 4.69x | 4.46x | 3.88x | $(NH_4)_8Nb_4O_7(SO_4)_8$ | 18– 124 | |
| i | 24.1x | 8.04x | 3.44x | 3.02x | 2.68$_8$ | 1.61$_8$ | 1.78$_7$ | 2.41$_6$ | $Na_7BaTi_2NbSi_4O_{17}PO_4F$ | 29–1176 | |
| | 16.0x | 8.02$_7$ | 3.18$_1$ | 3.82$_1$ | 2.62$_1$ | 5.97$_1$ | 3.74$_1$ | 7.61$_1$ | $(NH_4)_2Al_3H_6(PO_4)_8.18H_2O$ | 28– 160 | |
| * | 10.1x | 8.01$_9$ | 3.41$_7$ | 5.06$_5$ | 3.37$_5$ | 3.10$_5$ | 4.94$_4$ | 3.02$_4$ | $C_4H_{16}ClN_2S_4Ti$ | 20–1495 | |
| i | 13.7x | 8.00$_8$ | 2.29x | 2.75x | 3.27$_9$ | 1.61$_9$ | 2.51$_8$ | 1.49$_8$ | $Cu_{16}Cl_4SO_4(OH)_{22}.2H_2O$ | 8– 135 | |
| | 11.9x | 7.96x | 5.06x | 3.06x | 5.90$_8$ | 3.37$_8$ | 2.82$_8$ | 2.21$_8$ | $Li_3(H_6CrMo_6O_{24}).10H_2O$ | 24– 616 | |
| i | 10.3x | 7.96$_9$ | 3.08$_8$ | 2.87$_8$ | 5.88$_6$ | 4.43$_6$ | 3.94$_6$ | 3.86$_6$ | $ThU_4P_2O_{14}(OH)_{10}.7H_2O$ | 13– 419 | |
| i | 13.7x | 7.95x | 2.30x | 2.75x | 1.62$_9$ | 3.27$_8$ | 2.51$_8$ | 5.20$_7$ | $Cu_{19}Cl_4(NO_2)_2(OH)_{32}.2H_2O$ | 8– 136 | |
| i | 10.6x | 7.95x | 5.46$_5$ | 12.1$_4$ | 6.12$_4$ | 3.80$_4$ | 5.24$_4$ | 2.64$_4$ | $(ThB_2C)H$ | 14– 232 | |
| i | 13.0x | 7.93x | 5.67x | 3.68x | 5.23$_8$ | 5.14$_8$ | 4.31$_6$ | 3.13$_6$ | $Na_2Ca(UO_2)(CO_3)_3.6H_2O$ | 20–1092 | |
| | 15.8$_9$ | 7.92x | 3.17$_2$ | 3.14$_2$ | 2.64$_2$ | 3.82$_2$ | 7.48$_2$ | 5.92$_1$ | $(NH_4)_2Al_3H_6(PO_4)_8.18H_2O$ | 28– 41 | |
| | 9.84x | 7.90$_7$ | 5.41$_5$ | 4.37$_5$ | 4.01$_4$ | 6.53$_2$ | 7.70$_2$ | 6.86$_2$ | $C_6H_8CeO_8.1.5H_2O$ | 22– 163 | |
| | 10.1$_8$ | 7.82x | 9.34$_8$ | 8.79$_8$ | 3.13$_8$ | 2.69$_8$ | 6.68$_6$ | 3.86$_6$ | $NaNbO_3.3H_2O$ | 27– 772 | |
| * | 12.2x | 7.75$_8$ | 6.00$_3$ | 4.16$_2$ | 4.33$_2$ | 3.10$_2$ | 3.01$_2$ | 2.91$_2$ | $NaCaB_3O_6.8H_2O$ | 12– 419 | |
| | 10.0x | 7.74$_8$ | 7.23$_8$ | 5.01$_8$ | 4.80$_6$ | 4.35$_6$ | 4.19$_6$ | 3.43$_6$ | $NaZn_3P_3O_{10}.9H_2O$ | 11– 21 | |
| | 9.80$_9$ | 7.71x | 7.50$_6$ | 5.79$_6$ | 2.92$_5$ | 5.22$_5$ | 2.89$_2$ | 9.16$_2$ | $(NH_4)_2Fe(P_2O_7)OH.2H_2O$ | 28– 261 | |
| i | 15.5x | 7.70$_5$ | 5.20$_4$ | 3.09$_1$ | 8.50$_1$ | 6.40$_1$ | 4.74$_1$ | 4.50$_1$ | $Ca_3(C_6H_5O_7)_2.4H_2O$ | 28–2003 | |
| | 13.1$_9$ | 7.66x | 3.83$_6$ | 2.69$_3$ | 2.21$_3$ | 6.53$_4$ | 5.85$_4$ | 5.08$_4$ | $Mg_2(UO_2)(CO_3)_3.18H_2O$ | 4– 130 | |
| | 10.7$_8$ | 7.66x | 3.30x | 3.83$_6$ | 3.25$_6$ | 2.90$_6$ | 2.06$_6$ | 8.13$_4$ | $Al_2Cl_5(OH)_{21}.22H_2O$ | 20– 25 | |
| | 14.6x | 7.62x | 3.49$_9$ | 5.03$_8$ | 3.59$_6$ | 3.24$_4$ | 2.25$_2$ | 2.48$_2$ | $HAl(UO_2)_4(AsO_4)_4.40H_2O$ | 31– 586 | |
| i | 11.6x | 7.62x | 5.75$_8$ | 6.82$_7$ | 3.04$_5$ | 4.58$_5$ | 2.53$_3$ | 2.95$_4$ | $Cu_3Al_4(PO_4)_2(OH)_9.4H_2O$ | 25– 261 | |
| * | 10.6$_9$ | 7.61x | 10.2$_5$ | 9.11$_5$ | 8.20$_4$ | 2.88$_4$ | 3.06$_3$ | 3.79$_2$ | $Na_4MgV_{10}O_{28}.24H_2O$ | 18–1225 | |
| i | 15.2x | 7.60x | 4.93x | 3.50$_8$ | 4.48$_6$ | 2.21$_6$ | 4.08$_4$ | 3.43$_4$ | $HAl(UO_2)_4(PO_4)_4.40H_2O$ | 31– 587 | |
| * | 14.2x | 7.59x | 3.25$_7$ | 2.95$_7$ | 6.23$_5$ | 5.34$_5$ | 4.74$_5$ | 2.85$_5$ | $Na_6MgB_{24}O_{40}.22H_2O$ | 19–1211 | |
| c | 15.0x | 7.51$_5$ | 3.47$_5$ | 3.14$_3$ | 3.19$_4$ | 4.07$_3$ | 3.26$_9$ | 7.21$_8$ | $Fe_2(CrO_4)_3.3H_2O$ | 31– 620 | 1.20 |
| o | 12.0x | 7.50x | 5.10$_8$ | 7.00$_5$ | 4.55$_5$ | 4.40$_5$ | 4.15$_5$ | 3.90$_5$ | $Ce_2Mo_2Br_7.2H_2O$ | 30– 351 | |
| i | 14.9x | 7.47$_5$ | 2.70$_3$ | 2.79$_4$ | 1.67$_4$ | 3.66$_3$ | 3.39$_3$ | 2.91$_2$ | $NaMn_3(CaSr)(VAs)_3O_{12}4H_2O$ | 11– 169 | |
| | 14.4x | 7.47x | 3.42$_9$ | 6.97$_6$ | 5.60$_6$ | 4.35$_6$ | 4.31$_6$ | 4.16$_5$ | $K_2(Al,Fe)_5H_7(PO_4)_8.14H_2O$ | 30– 899 | |
| i | 10.9x | 7.37$_4$ | 3.52$_3$ | 3.35$_2$ | 4.67$_1$ | 3.42$_1$ | 3.78$_1$ | 6.98$_1$ | $Na_3CdP_3O_{10}.12H_2O$ | 27– 663 | |
| i | 10.5x | 7.35$_9$ | 6.92$_6$ | 3.32$_6$ | 3.50$_4$ | 4.74$_3$ | 3.28$_3$ | 5.82$_3$ | $Na_3CoP_3O_{10}.12H_2O$ | 27– 684 | |
| i | 10.5x | 7.34$_9$ | 6.94$_9$ | 3.33$_8$ | 3.50$_7$ | 4.74$_5$ | 3.28$_4$ | 3.12$_4$ | $Na_3MgP_3O_{10}.12H_2O$ | 27– 741 | |
| i | 10.5x | 7.34$_8$ | 3.50$_4$ | 6.91$_3$ | 3.33$_2$ | 4.73$_2$ | 3.75$_2$ | 3.28$_2$ | $Na_3NiP_3O_{10}.12H_2O$ | 27– 765 | |
| i | 10.5x | 7.32$_4$ | 6.92$_3$ | 3.33$_3$ | 3.28$_3$ | 3.51$_2$ | 5.82$_1$ | 3.76$_1$ | $Na_3ZnP_3O_{10}.12H_2O$ | 28–1194 | |
| * | 10.3$_9$ | 7.31x | 3.27x | 5.16$_8$ | 3.07$_5$ | 3.45$_5$ | 4.62$_5$ | 3.66$_5$ | $C_4H_{16}FN_8S_4Ti.2H_2O$ | 20–1496 | |
| o | 11.6$_9$ | 7.30x | 6.19$_9$ | 3.50$_8$ | 2.77$_7$ | 3.42$_6$ | 3.20$_6$ | 3.08$_6$ | $UO_3–SiO_2–H_2O$ | 27– 938 | |
| | 10.8x | 7.28x | 3.62$_8$ | 8.24$_6$ | 5.54$_6$ | 5.28$_6$ | 3.40$_4$ | 3.27$_4$ | $C_{12}H_{18}FeO_{12}U$ | 22– 634 | |
| | 14.7x | 7.27x | 3.65$_9$ | 2.62$_8$ | 2.98$_5$ | 3.35$_4$ | 4.86$_3$ | 2.91$_3$ | $SrAl_2O_4.nH_2O$ | 12– 409 | |
| i | 14.5$_9$ | 7.21x | 2.42x | 3.60$_9$ | 1.54$_9$ | 4.81$_8$ | 4.62$_8$ | 2.63$_8$ | $(Mg,Cr)_6(Si,Al)_4O_{10}(OH)_8$ | 20– 671 | |
| c | 10.2x | 7.19$_3$ | 9.57$_2$ | 4.79$_2$ | 7.99$_1$ | 7.65$_1$ | 4.34$_1$ | 5.02$_1$ | $Zn_2Ag_{0-62}Ho_{-38}P_3O_{10}.9H_2O$ | 29–1157 | 2.78 |
| | 10.6x | 7.17$_8$ | 4.96$_8$ | 3.53$_8$ | 2.66$_8$ | 2.64$_8$ | 3.78$_6$ | 3.58$_6$ | $FeUF_6.5H_2O$ | 23–1130 | |
| i | 10.6x | 7.17$_8$ | 4.93$_8$ | 3.53$_8$ | 2.66$_8$ | 2.62$_8$ | 4.58$_7$ | 3.94$_7$ | $CoUF_6.5H_2O$ | 23– 940 | |
| i | 10.6x | 7.17$_8$ | 4.92$_8$ | 3.53$_8$ | 2.65$_8$ | 2.62$_8$ | 4.57$_7$ | 3.93$_7$ | $ZnUF_6.5H_2O$ | 24–1472 | |
| | 14.2$_9$ | 7.16x | 3.56$_1$ | 2.56$_1$ | 2.27$_1$ | 4.73$_1$ | 5.37$_1$ | 3.70$_1$ | $CaAl_2O_4.10H_2O$ | 12– 408 | |
| i | 10.7x | 7.16$_8$ | 4.99$_8$ | 3.55$_8$ | 2.66$_8$ | 4.60$_7$ | 3.99$_7$ | 3.80$_6$ | $MnUF_6.5H_2O$ | 23–1248 | |
| o | 10.5$_9$ | 7.14x | 10.1$_9$ | 7.34$_8$ | 5.17$_5$ | 5.07$_4$ | 5.30$_1$ | 3.15$_1$ | $K_2(Mo_6Cl_8)(SCN)_6.2.5H_2O$ | 30– 956 | |
| o | 10.1$_9$ | 7.14x | 10.5$_9$ | 7.34$_8$ | 5.17$_5$ | 5.07$_4$ | 5.30$_1$ | 3.15$_1$ | $K_2(Mo_6Cl_8)(SCN)_6.2.5H_2O$ | 30– 956 | |
| * | 11.1x | 7.13$_9$ | 7.60$_8$ | 3.58$_7$ | 2.72$_7$ | 3.89$_6$ | 3.48$_6$ | 3.45$_6$ | $K(Cu_{2-3}(CO_3)_2(OH)_{1-4}).2H_2O$ | 30– 932 | |
| | 14.0x | 7.08$_6$ | 3.53$_6$ | 29.0$_5$ | 4.72$_3$ | 4.62$_2$ | 2.83$_2$ | 2.57$_2$ | $(MgFe)_6(SiAl)_8O_{20}OH_{10}.xH_2O$ | 31– 794 | |
| * | 14.1$_9$ | 7.07x | 3.54$_6$ | 4.73$_2$ | 2.85$_2$ | 2.58$_2$ | 2.53$_2$ | 2.43$_2$ | $(Mg,Fe,Al)_6(SiAl)_4O_{10}(OH)_8$ | 7– 78 | |
| * | 12.1x | 7.03$_7$ | 4.03$_5$ | 3.13$_4$ | 3.42$_3$ | 3.17$_2$ | 3.68$_2$ | 2.05$_2$ | $ZrOCl_2.8H_2O$ | 32–1498 | |
| * | 12.1x | 7.03$_7$ | 4.03$_5$ | 3.12$_3$ | 8.51$_2$ | 3.42$_2$ | 3.02$_2$ | 3.68$_1$ | $HfOCl_2.8H_2O$ | 15– 348 | |
| i | 12.0x | 7.03x | 4.42x | 2.87$_8$ | 6.02$_5$ | 3.41$_5$ | 3.03$_5$ | 6.55$_4$ | $(Na,K)_6Y_2Si_{16}O_{38}.10H_2O$ | 31–1087 | |
| | 10.9x | 7.02$_8$ | 3.66$_6$ | 4.67$_4$ | 3.97$_4$ | 3.56$_4$ | 3.38$_4$ | 3.14$_4$ | $Li_3BH_3CO_3$ | 20– 625 | |
| | 11.6x | 7.01$_7$ | 10.4$_5$ | 8.01$_5$ | 6.86$_5$ | 3.00$_4$ | 6.29$_3$ | 5.18$_3$ | $(NH_4)_3Fe(P_2O_7)_2.4H_2O$ | 28– 227 | |
| i | 10.1x | 7.01$_7$ | 4.98$_7$ | 4.21$_7$ | 2.80$_7$ | 4.42$_6$ | 3.48$_5$ | 2.88$_5$ | $FeFe_2(PO_4)_2(OH)_2.4H_2O$ | 26–1138 | |
| i | 9.88x | 7.01$_6$ | 4.41$_5$ | 4.94$_4$ | 2.77$_3$ | 2.23$_2$ | 2.66$_2$ | 2.12$_2$ | $K_2Pt(CN)_4Br_{0-3}.3H_2O$ | 26– 912 | |
| | 10.6x | 6.96$_9$ | 11.2$_6$ | 8.73$_6$ | 6.37$_6$ | 5.84$_6$ | 4.71$_6$ | 4.45$_6$ | $Al_{13}Cl_{13}(OH)_{24}.37.5H_2O$ | 20– 26 | |
| | 9.98$_9$ | 6.92x | 3.59x | 3.15x | 3.33$_9$ | 2.66$_9$ | 2.18$_9$ | 4.95$_8$ | $C_6K_2O_{12}V.3H_2O$ | 18–1072 | |
| o | 10.2x | 6.91$_4$ | 3.08$_4$ | 2.70$_2$ | 2.44$_2$ | 1.72$_2$ | 4.31$_1$ | 2.18$_1$ | $Cu_4H(PO_4)_3.3H_2O$ | 31– 458 | |
| i | 11.6$_8$ | 6.90x | 3.38$_8$ | 3.07$_8$ | 2.98$_8$ | 2.59$_8$ | 1.74$_8$ | 1.70$_6$ | $Na_2Ti_2(Si_2O_7)_2.3H_2O$ | 25–1298 | |
| | 10.3x | 6.89$_8$ | 20.5$_6$ | 2.05$_6$ | 2.28$_4$ | 2.27$_4$ | 1.82$_4$ | 2.53$_2$ | $K_4Nb_6O_{17}.4.5H_2O$ | 21–1296 | |
| c | 13.6x | 6.78$_8$ | 3.46$_2$ | 3.39$_1$ | 3.30$_1$ | 3.12$_1$ | 3.09$_1$ | 3.07$_1$ | $NaCe_2TiSiO_7(OH).4H_2O$ | 25–1188 | |
| o | 10.4x | 6.76$_2$ | 3.45$_2$ | 4.90$_1$ | 2.59$_1$ | 2.72$_1$ | 3.54$_1$ | 4.30$_1$ | $Gd_2(SO_3)_3.6H_2O$ | 31– 538 | |
| o | 13.4x | 6.72$_8$ | 3.08$_3$ | 3.70$_2$ | 3.37$_2$ | 5.18$_1$ | 4.48$_1$ | 4.44$_1$ | $TiHSi_{0.5}(PO_4)_2.2H_2O$ | 32–1376 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| i | 13.5x | 6.67x | $3.79_7$ | $4.24_6$ | $2.06_6$ | $2.00_4$ | $2.68_2$ | $1.46_2$ | $UO_2F_2.2H_2O$ | 24–1153 | |
| * | 10.1$_9$ | 6.66x | 6.51x | 4.93$_9$ | $5.06_8$ | $4.81_8$ | $4.76_8$ | $3.55_8$ | $C_6O_{12}Sm_2.10H_2O$ | 20–1021 | |
| i | 10.0x | $6.64_8$ | $4.67_8$ | $7.04_6$ | $4.30_6$ | $3.14_6$ | $4.39_4$ | $3.50_4$ | $Fe_2(SO_4)_6.15H_2O$ | 17– 159 | |
| | 13.3x | $6.62_9$ | $3.29_8$ | $3.64_7$ | $2.16_7$ | $4.70_6$ | $2.85_6$ | $1.84_6$ | $FeB_4O_7.2.5H_2O$ | 28– 479 | |
| o | 13.3x | $6.61_8$ | $4.37_8$ | $2.62_6$ | $2.18_4$ | $3.28_2$ | $1.87_1$ | $0.00_1$ | $NaNd(CO_3)_2.6H_2O$ | 30–1223 | |
| | 12.6$_8$ | 6.61x | 6.28x | $4.53_8$ | $4.09_8$ | $3.98_8$ | $3.62_8$ | $2.60_8$ | $Ga(NO_3)_3.8H_2O$ | 12– 398 | |
| * | 11.4x | $6.61_8$ | $4.32_7$ | $3.75_7$ | $2.86_6$ | $2.84_5$ | $2.81_5$ | $3.30_4$ | $(NaK)_8(SiAl)_{34}O_{72}.23H_2O$ | 22– 854 | |
| * | 9.93x | 6.53x | $4.24_6$ | $2.91_5$ | $2.88_5$ | $4.77_4$ | $3.66_4$ | $4.69_4$ | $NaNH_4HPO_4.4H_2O$ | 24–1048 | |
| i | 13.0$_8$ | 6.51x | $3.70_8$ | 11.1$_7$ | $4.04_7$ | $21.1_3$ | $6.23_3$ | $3.76_3$ | $Na–O–Al–O–(SiO_2)–(H_2O)$ | 27–1405 | |
| | 11.5x | $6.51_3$ | $3.84_3$ | $5.76_3$ | $2.99_3$ | $8.84_2$ | $2.95_2$ | $3.51_2$ | $NaGd(SeO_3)_2.2.5H_2O$ | 28–1086 | |
| o | 11.3x | 6.50x | 3.86x | 3.16x | $9.20_6$ | $6.80_6$ | $5.00_6$ | $3.79_6$ | $Ba_2(P_4O_{11}F_2).6H_2O$ | 30– 125 | |
| o | 13.0x | 6.47$_7$ | $4.31_5$ | $2.58_3$ | $2.15_1$ | $3.22_1$ | $1.84_1$ | $0.00_1$ | $NaDy(CO_3)_2.6H_2O$ | 31–1288 | |
| o | 13.0x | 6.44$_7$ | $4.30_5$ | $2.57_3$ | $2.15_2$ | $1.84_1$ | $3.21_1$ | $0.00_1$ | $NaY(CO_3)_2.6H_2O$ | 30–1262 | |
| | 12.6x | $6.40_8$ | $5.21_6$ | $4.21_4$ | $3.15_4$ | $2.58_4$ | $3.45_4$ | $2.78_4$ | $Na_3P_3O_9.3H_2O$ | 13– 402 | |
| i | 9.89x | 6.40$_7$ | $4.93_3$ | $4.79_3$ | $3.19_3$ | $4.78_2$ | $3.09_2$ | $2.85_2$ | $FeAl_2(PO_4)_2(OH)_2.8H_2O$ | 29–1424 | |
| * | 12.8x | $6.38_2$ | $3.71_1$ | $3.16_1$ | $5.56_1$ | $5.00_1$ | $3.51_1$ | $7.94_1$ | $Zn_2P_2O_7.5H_2O$ | 7– 87 | |
| i | 9.96x | $6.37_4$ | $4.42_4$ | $2.40_4$ | $4.83_3$ | $3.79_3$ | $3.66_2$ | $3.07_2$ | $CaAl_{12}(PO_4)_{12}(OH)_{20}.28H_2O$ | 33– 258 | |
| i | 10.4x | $6.36_2$ | $4.46_2$ | $4.14_2$ | $3.18_2$ | $5.38_2$ | $3.23_1$ | $2.51_1$ | $Mg_3(SiAl)_8O_{20}(OH)_2.8H_2O$ | 21– 958 | |
| * | 10.2x | 6.31x | $2.93_9$ | $4.90_8$ | $2.63_6$ | $2.57_5$ | $3.04_3$ | $3.05_4$ | $Na_5P_3O_{10}.6H_2O$ | 10– 186 | |
| | 12.6x | 6.18$_7$ | $5.29_7$ | $4.70_7$ | $3.73_7$ | $3.07_7$ | $4.23_6$ | $4.00_6$ | $Al_4SO_4(OH)_{10}.36H_2O$ | 8– 76 | |
| | 14.2$_8$ | 6.16x | $3.42_8$ | $3.26_4$ | $2.96_4$ | $5.14_4$ | $7.91_3$ | $2.64_3$ | $Na_4UO_2(PO_4)_2.6H_2O$ | 13– 42 | |
| i | 11.9x | 6.10x | 6.05x | $6.41_8$ | $3.55_8$ | $3.06_8$ | $2.97_8$ | $4.75_6$ | $C_4H_6O_3SSr.4H_2O$ | 27–1433 | |
| | 17.7$_8$ | 6.09x | $3.26_9$ | $3.21_9$ | $2.88_6$ | $4.78_7$ | $3.99_7$ | $2.62_7$ | $Na_3Fe(PO_4)_2.3H_2O$ | 21–1358 | |
| i | 10.5x | $6.09_4$ | $3.52_9$ | $3.35_2$ | $4.72_2$ | $2.94_1$ | $5.28_1$ | $2.73_1$ | $Al_{12}H_{12}Si_{24}O_{96}$ | 27– 15 | |
| o | 10.1x | 6.09x | 3.54x | $9.09_6$ | $8.45_6$ | $1.76_6$ | $3.22_1$ | $2.47_1$ | $InH_6(AsO_4)_2.5H_2O$ | 31– 589 | |
| | 11.4x | $6.05_4$ | $5.03_7$ | $3.54_3$ | $3.41_3$ | $7.02_2$ | $3.74_2$ | $2.79_2$ | $Cr_2(NH_3)_6Cl_4(OH)_2.2H_2O$ | 22– 571 | 3.48 |
| i | 10.7x | $6.02_8$ | $4.07_8$ | $3.56_5$ | $3.01_5$ | $2.98_5$ | $2.70_5$ | $5.35_4$ | $Cu_2Pb_2Fe_2Si_5O_{17}.6H_2O$ | 29– 566 | |
| | 12.1x | 6.01x | 3.56x | 3.24x | 2.99x | 2.10x | $1.72_8$ | $1.68_6$ | $Sr_2Sn_2F_7NO_3.2H_2O$ | 23–1415 | |
| o | 11.3$_8$ | 6.01x | 3.97x | $9.20_8$ | $5.03_8$ | $5.29_6$ | $3.74_6$ | $3.63_4$ | $C_4Cl_2CrF_6KO_8$ | 24– 837 | |
| | 11.4x | 6.00x | $5.24_6$ | $4.66_6$ | $3.46_6$ | $2.70_6$ | $2.07_6$ | $2.00_6$ | $Mo_2S_4Cl_3$ | 20– 750 | |
| | 10.5$_8$ | 5.99x | $5.03_6$ | $5.39_5$ | $6.41_4$ | $5.29_3$ | $5.64_3$ | $3.56_3$ | $2K_2O.I_2O_7.9H_2O$ | 21– 650 | |
| i | 12.0x | 5.98$_9$ | $3.98_8$ | $3.23_8$ | $3.18_8$ | $5.14_7$ | $6.53_5$ | $3.27_5$ | $Al(UO_2)_2V_2O_8(OH).11H_2O$ | 23– 769 | |
| o | 9.82$_8$ | 5.97x | 3.54x | 6.22$_8$ | $3.01_5$ | $1.89_3$ | $0.00_1$ | $0.00_1$ | $Ga_{0.99}Ge_{0.33}S_{7.45}$ | 30– 567 | |
| | 12.3x | 5.95$_9$ | $10.8_8$ | $4.82_6$ | $6.17_6$ | $6.73_5$ | $9.70_5$ | $9.43_5$ | $(NH_4)_3MgAl(P_2O_7)_2F_2.6H_2O$ | 28– 72 | |
| i | 11.8x | 5.93$_9$ | $2.46_8$ | $2.87_5$ | $3.93_4$ | $2.19_4$ | $2.70_3$ | $1.66_3$ | $Na_{0.3}TaS_2.1.8H_2O$ | 29–1170 | |
| o | 14.9x | 5.90x | 4.74x | 2.94x | $7.09_8$ | $3.57_8$ | $3.41_8$ | $3.27_8$ | $K_{0.50}CeH_{1.50}(PO_4)_2.1.33H_2O$ | 28– 740 | |
| i | 11.8x | 5.90$_7$ | $2.52_5$ | $2.71_4$ | $2.62_4$ | $2.91_4$ | $2.34_4$ | $1.46_3$ | $KGe_3O_8$ | 33–1008 | |
| o | 10.5x | 5.90$_3$ | $5.21_3$ | $5.01_3$ | $3.47_2$ | $3.44_2$ | $3.07_2$ | $4.08_1$ | $H_{0.1}(UO_2)_{0.95}.5.8H_2O$ | 32–1396 | |
| i | 16.6x | $5.89_6$ | $5.41_6$ | $3.32_4$ | $3.08_4$ | $2.96_4$ | $2.63_4$ | $2.57_4$ | $BaAlSiO.5.1H_2O$ | 25– 59 | |
| | 11.7x | 5.88$_9$ | $2.95_8$ | $3.93_3$ | $4.84_3$ | $2.78_2$ | $2.43_2$ | $4.25_2$ | $Cu_{1.5}ZnSO_4(OH)_3$ | 28– 405 | |
| i | 9.93x | $5.87_7$ | $3.47_4$ | $4.68_3$ | $3.91_3$ | $3.19_3$ | $3.07_3$ | $2.55_3$ | $MnFe_2(PO_4)_2(OH)_2.7–8H_2O$ | 12– 294 | |
| i | 11.3x | 5.86$_8$ | $2.47_3$ | $2.21_2$ | $2.70_1$ | $2.93_1$ | $1.64_1$ | $1.88_1$ | $Na_{0.6}VS_2.3.63H_2O$ | 28–1184 | |
| o | 10.6x | 5.86$_9$ | $6.34_6$ | $2.53_3$ | $2.17_3$ | $3.16_4$ | $3.07_4$ | $2.93_4$ | $Mg_3(CO_3)_4(OH)_2.5H_2O$ | 23–1218 | |
| i | 11.7x | 5.85$_9$ | $2.46_7$ | $2.19_5$ | $2.89_4$ | $1.67_4$ | $2.86_4$ | $1.93_3$ | $Na_{0.5}NbS_2.1.7H_2O$ | 29–1451 | |
| | 11.6x | 5.83x | 3.88x | $2.62_6$ | $2.57_6$ | $2.39_6$ | $1.52_6$ | $1.47_4$ | $Zn–Ni–V–O–OH$ | 15– 102 | |
| o | 12.2x | 5.81x | $3.33_8$ | $3.74_7$ | $4.62_6$ | $4.38_6$ | $3.52_6$ | $3.21_6$ | $\gamma–ZrH_2(PO_4)_2$ | 31–1488 | |
| | 12.2$_9$ | 5.81x | $3.31_9$ | $3.74_8$ | $4.62_4$ | $4.35_4$ | $3.20_4$ | $2.68_4$ | $Zr(HPO_4)_2.2H_2O$ | 21–1495 | |
| i | 9.99x | 5.79x | $3.79_8$ | $2.96_8$ | $2.64_8$ | $1.95_8$ | $1.84_8$ | $3.45_7$ | MgNH | 23– 391 | |
| | 11.8x | $5.77_6$ | $5.38_5$ | $5.11_5$ | $5.47_4$ | $8.01_3$ | $8.47_2$ | $4.26_2$ | $C_{12}H_{21}LaN_6O_{12}.5H_2O$ | 28– 507 | |
| | 10.8$_8$ | 5.75x | $2.72_7$ | $2.52_7$ | $2.17_7$ | $3.23_6$ | $3.18_6$ | $2.66_6$ | $Cu_6(NO_3)_2(PO_4)(OH)_7$ | 30– 497 | |
| | 10.8$_8$ | 5.75x | $2.72_7$ | $2.52_7$ | $2.17_7$ | $3.23_6$ | $3.18_6$ | $2.66_6$ | $Cu_6(NO_3)_2PO_4(OH)_7$ | 25–1421 | |
| | 9.86x | 5.75$_7$ | $2.13_7$ | $4.70_8$ | $3.82_5$ | $3.18_5$ | $2.88_5$ | $2.77_5$ | $3C_2O_4Sr.SrCl_2.16H_2O$ | 16– 960 | |
| i | 14.5x | $5.74_8$ | $2.88_8$ | $8.84_6$ | $7.56_6$ | $4.42_6$ | $3.81_6$ | $4.81_4$ | $Na_2Al_2Si_{2.4}O_{8.8}.6.7H_2O$ | 12– 246 | |
| * | 14.4x | $5.73_1$ | $8.83_1$ | $7.53_1$ | $2.79_1$ | $3.34_1$ | $2.88_1$ | $4.81_1$ | $K_{69.8}Al_{69.8}Si_{122.2}O_{384}$ | 26– 893 | |
| o | 11.5x | 5.72x | $2.63_7$ | $2.84_4$ | $2.88_2$ | $2.34_2$ | $1.42_2$ | $2.05_2$ | $LixTiS_2(H_2O)y$ | 30– 773 | |
| | 11.4x | $5.72_6$ | $11.1_3$ | $2.95_2$ | $9.08_2$ | $3.52_2$ | $3.11_2$ | $2.85_2$ | $5(NH_4)_2O.12WO_3.7H_2O$ | 18– 126 | |
| | 11.3x | $5.72_5$ | $7.83_5$ | $5.01_4$ | $5.30_3$ | $3.18_3$ | $5.54_3$ | $3.08_2$ | $C_{12}H_{21}N_6O_{12}Pr.7H_2O$ | 24– 908 | |
| i | 14.3x | 5.71x | $8.75_8$ | $7.51_8$ | $4.39_8$ | $3.79_8$ | $2.87_6$ | $4.78_4$ | $Na_2Al_2Si_{2.3}O_{10.6}.7H_2O$ | 12– 228 | |
| | 11.4x | $5.71_5$ | $7.90_8$ | $5.32_6$ | $5.06_4$ | $5.53_3$ | $3.27_2$ | $3.18_2$ | $C_{12}H_{21}CeN_6O_{12}.5H_2O$ | 28– 263 | |
| i | 11.4x | 5.71x | $3.27_6$ | $3.80_5$ | $3.23_5$ | $2.85_5$ | $1.89_5$ | $1.86_5$ | $CuFeS_2.1.53((Mg,Al)(OH)_2)$ | 29– 554 | |
| i | 11.4x | $5.70_7$ | $2.80_7$ | $1.40_7$ | $1.98_6$ | $2.62_6$ | $2.51_4$ | $2.33_2$ | $KAl_2O_8$ | 21– 618 | |
| o | 12.2x | 5.69x | 3.32x | $4.71_6$ | $4.06_6$ | $3.46_6$ | $3.19_6$ | $4.42_4$ | $\gamma–CaZr(PO_4)_2$ | 30– 292 | |
| * | 14.3x | $5.68_2$ | $3.78_2$ | $8.76_1$ | $7.47_1$ | $4.77_1$ | $3.31_1$ | $2.86_1$ | $K_{48.2}Al_{48.2}Si_{143.8}O_{384}$ | 26– 894 | |
| | 11.4x | $5.68_4$ | $2.52_3$ | $1.40_3$ | $2.80_2$ | $2.70_2$ | $2.84_1$ | $2.42_1$ | $NaAl_7O_{11}$ | 21–1095 | |
| i | 11.4x | 5.67x | 2.69x | $2.50_8$ | $2.79_6$ | $2.40_6$ | $2.13_6$ | $2.04_6$ | $HgAl_{12}O_{19}$ | 22–1170 | |
| i | 11.3x | $5.67_9$ | $3.18_8$ | $1.84_7$ | $1.82_7$ | $2.84_6$ | $2.59_4$ | $2.27_4$ | $(FeNi)_2Mg_{1.6}S_2(OH)_{3.2}$ | 26–1135 | |
| i | 14.3x | 5.66x | 3.76x | $8.70_8$ | $7.38_8$ | $4.76_8$ | $4.36_8$ | $3.29_8$ | $Na_2Al_2Si_{4.7}O_{13.4}.xH_2O$ | 11– 672 | |
| | 11.4x | 5.66$_9$ | $7.86_5$ | $5.31_5$ | $5.07_5$ | $5.45_5$ | $2.81_5$ | $2.76_5$ | $C_{12}H_{21}N_6O_{12}Sm.7H_2O$ | 28– 988 | |
| i | 11.3x | 5.66$_5$ | $2.69_4$ | $2.51_2$ | $2.14_2$ | $2.04_2$ | $1.40_2$ | $2.25_1$ | $NaAl_{11}O_{17}$ | 21–1096 | |
| | 11.3x | 5.62x | 3.10x | $4.94_6$ | $3.44_7$ | $12.4_6$ | $7.99_6$ | $6.23_6$ | $Rb_3(H_6CrMo_6O_{24}).7H_2O$ | 24– 941 | |
| | 11.2x | $5.62_8$ | $3.10_8$ | $12.6_7$ | $8.00_7$ | $5.14_7$ | $4.96_7$ | $4.89_7$ | $(NH_4)_3(H_6Mo_6CrO_{24}).7H_2O$ | 24– 36 | |
| | 11.4x | 5.60x | $2.78_8$ | $4.30_3$ | $2.63_3$ | $2.52_3$ | $4.00_2$ | $1.82_2$ | V–Cl | 1– 31 | |
| o | 11.2x | $5.60_8$ | $2.88_6$ | $10.6_3$ | $8.90_3$ | $5.70_3$ | $2.84_3$ | $2.81_3$ | $K_3(NH_4)_3W_{12}O_{41}.8H_2O$ | 30– 907 | |
| i | 11.2x | $5.60_5$ | $2.51_8$ | $1.97_8$ | $1.40_8$ | $2.81_6$ | $2.58_6$ | $2.42_6$ | $NaAl_2O_8$ | 31–1262 | |
| | 11.0$_9$ | 5.60x | $8.90_9$ | $7.25_9$ | $4.69_8$ | $3.90_5$ | $2.46_3$ | $3.16_4$ | $C_6FeLaO_{12}.9H_2O$ | 32– 465 | |
| o | 11.0x | $5.60_7$ | $2.90_5$ | $8.70_3$ | $2.83_3$ | $9.80_2$ | $3.31_2$ | $25.2_1$ | $K_2(NH_4)_8W_{12}O_{41}.6H_2O$ | 30– 905 | |
| o | 11.0x | $5.60_7$ | $2.82_3$ | $2.90_3$ | $3.30_2$ | $33.9_1$ | $12.1_1$ | $9.70_1$ | $K_4(NH_4)_6W_{12}O_{41}.7H_2O$ | 30– 906 | |
| i | 11.0x | 5.59$_8$ | $3.60_8$ | $3.17_6$ | $3.73_7$ | $3.12_7$ | $4.41_6$ | $4.34_6$ | $CoU_2F_{10}.8H_2O$ | 23– 943 | |
| o | 9.80x | 5.58$_3$ | $4.84_2$ | $3.06_2$ | $2.96_2$ | $3.47_2$ | $3.34_1$ | $4.54_1$ | $Na_3(Fe(SO_3)_4).2H_2O$ | 30–1205 | |
| i | 11.4x | 5.56$_8$ | $2.87_8$ | $5.12_4$ | $2.37_4$ | $2.72_4$ | $1.71_4$ | $2.93_3$ | $Cu_{11}Cl_8(OH)_{14}.6H_2O$ | 23– 949 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11.1x | 5.56$_4$ | 3.30$_3$ | 5.64$_2$ | 4.59$_1$ | 3.71$_1$ | 4.31$_1$ | 5.02$_1$ | $Al_2Fe_2U_2P_4SO_{24}(OH)_2.20H_2O$ | 25– 16 | |
| | 11.3x | 5.55$_9$ | 3.73$_8$ | 3.24$_8$ | 2.12$_3$ | 2.57$_2$ | 3.11$_2$ | 2.80$_2$ | $NbH_4O(PO_4)_2.5H_2O$ | 33– 965 | |
| | 10.4$_8$ | 5.53x | 2.74x | 4.72$_8$ | 2.60$_8$ | 2.58$_8$ | 3.77$_6$ | 3.45$_6$ | $Na_3P_3O_9.1.5H_2O$ | 13– 449 | |
| i | 11.0x | 5.52x | 2.84$_8$ | 3.66$_7$ | 2.24$_6$ | 1.85$_6$ | 2.46$_4$ | 1.75$_4$ | 2FeS.0.84($CoCO_3.H_2O$) | 25– 412 | |
| o | 11.0x | 5.50$_8$ | 2.90$_3$ | 2.77$_3$ | 3.47$_3$ | 8.80$_2$ | 4.52$_2$ | 3.30$_2$ | $K_{10}W_{12}O_{41}.11H_2O$ | 31–1118 | |
| i | 11.0x | 5.49$_8$ | 3.97$_8$ | 3.27$_8$ | 2.07$_8$ | 3.74$_7$ | 3.66$_7$ | 3.61$_7$ | $NiU_2F_{10}.8H_2O$ | 23–1283 | |
| i | 10.0x | 5.49$_8$ | 3.98$_8$ | 3.73$_7$ | 3.60$_7$ | 3.18$_7$ | 3.12$_7$ | 2.78$_7$ | $ZnU_2F_{10}.8H_2O$ | 24–1473 | |
| o | 10.9x | 5.48$_8$ | 3.65$_8$ | 2.66$_6$ | 2.46$_6$ | 2.20$_6$ | 1.94$_6$ | 2.75$_4$ | $Fe_2O_3.H_2O$ | 13– 92 | |
| i | 10.9x | 5.46$_2$ | 5.91$_1$ | 2.96$_1$ | 2.88$_1$ | 6.07$_1$ | 3.05$_1$ | 2.72$_1$ | $FeAl_2(PO_4)_2(OH)_2.6H_2O$ | 33– 640 | 1.28 |
| | 9.80x | 5.45$_6$ | 5.28$_5$ | 3.75$_3$ | 4.90$_3$ | 4.84$_4$ | 3.55$_4$ | 3.12$_4$ | $Na_2H(PO_2NH)_3.2.5H_2O$ | 16– 922 | |
| o | 10.8x | 5.44$_5$ | 3.32$_3$ | 6.32$_1$ | 3.63$_1$ | 3.02$_1$ | 2.57$_1$ | 2.28$_1$ | $ZnHPO_4.3H_2O$ | 23– 742 | |
| i | 10.9$_8$ | 5.42x | 1.84$_3$ | 2.60$_4$ | 2.30$_4$ | 2.71$_3$ | 2.23$_3$ | 1.80$_3$ | 4FeS.3((Mg,Fe)$(OH)_2$) | 25– 402 | |
| c | 10.8x | 5.40$_3$ | 2.16$_3$ | 3.60$_3$ | 4.29$_2$ | 9.35$_2$ | 8.09$_2$ | 4.33$_2$ | $Ca(NO_3)_2.1.24H_2O$ | 29– 357 | 0.88 |
| o | 10.7x | 5.40$_7$ | 2.88$_3$ | 2.75$_3$ | 3.43$_2$ | 3.04$_2$ | 8.60$_1$ | 7.70$_1$ | $K_{10}W_{12}O_{41}.10H_2O$ | 30–1007 | |
| o | 10.7x | 5.40$_7$ | 2.76$_3$ | 8.60$_2$ | 2.88$_2$ | 9.80$_1$ | 7.70$_1$ | 4.52$_1$ | $K_8(NH_4)_2W_{12}O_{41}.9H_2O$ | 30– 908 | |
| | 11.1x | 5.39$_2$ | 4.25$_1$ | 3.61$_1$ | 2.70$_1$ | 3.00$_1$ | 3.92$_1$ | 4.83$_1$ | $U(HPO_4)_2.4H_2O$ | 13– 30 | |
| o | 10.8$_8$ | 5.39x | 2.69$_8$ | 5.95$_4$ | 3.58$_4$ | 2.96$_4$ | 2.41$_4$ | 2.28$_4$ | $Ca_2Co_4O_9$ | 23– 110 | |
| | 10.9x | 5.38$_8$ | 4.02$_8$ | 3.56$_7$ | 3.19$_7$ | 3.08$_7$ | 2.04$_7$ | 6.55$_5$ | $Zn_2P_2O_7.3H_2O$ | 11– 22 | |
| o | 10.7x | 5.36$_8$ | 2.86$_7$ | 2.54$_7$ | 3.58$_6$ | 2.68$_6$ | 2.39$_6$ | 1.67$_6$ | $Ca_2Al_2O_5.8H_2O$ | 11– 205 | |
| * | 10.7$_9$ | 5.34x | 3.53x | 3.35x | 6.33$_9$ | 4.56$_9$ | 4.07$_9$ | 11.8$_8$ | $C_4H_6O_4.Sn$ | 18–1381 | |
| | 11.7x | 5.31$_6$ | 2.69$_4$ | 2.03$_3$ | 2.07$_2$ | 2.84$_2$ | 3.53$_1$ | 2.99$_1$ | $U(H_2PO_4)_2(ClO_4)_2.6H_2O$ | 13– 35 | |
| | 10.5x | 5.25$_8$ | 2.55$_7$ | 3.48$_6$ | 1.51$_6$ | 2.62$_4$ | 2.36$_4$ | 2.07$_4$ | $Ni_{14}Al_6(SO_4)_6(OH)_{42}.7H_2O$ | 29– 926 | |
| i | 10.5x | 5.24$_6$ | 3.90$_8$ | 1.59$_5$ | 2.77$_4$ | 6.24$_3$ | 3.33$_3$ | 4.77$_2$ | $(Mn,Mg)_5Zn_2(SO_4)(OH)_{12}.4H_2O$ | 33– 873 | |
| | 13.3x | 5.23$_8$ | 4.65$_8$ | 6.73$_5$ | 4.13$_5$ | 8.28$_4$ | 6.94$_4$ | 3.92$_4$ | $Ba_{0.5}(NH_2)_2PO_2$ | 28– 628 | |
| i | 10.4x | 5.22$_5$ | 3.48$_5$ | 2.68$_5$ | 4.63$_4$ | 1.56$_3$ | 2.61$_2$ | 3.74$_1$ | $KMg_3AlGe_3O_{10}(OH)_2$ | 24– 866 | |
| i | 9.92x | 5.21$_7$ | 7.10$_6$ | 3.02$_6$ | 2.93$_6$ | 3.17$_5$ | 4.92$_4$ | 4.61$_4$ | $NH_4CuCS_3$ | 27–1009 | |
| i | 10.4x | 5.20x | 3.28x | 6.76$_6$ | 5.54$_6$ | 4.02$_6$ | 3.79$_6$ | 3.67$_6$ | $CuU_2F_{10}.8H_2O$ | 21– 308 | |
| i | 10.4x | 5.19$_5$ | 3.58$_5$ | 4.96$_3$ | 8.24$_2$ | 4.48$_2$ | 3.51$_2$ | 3.33$_2$ | $(Ca,Sr)(UO_2)_2(PO_4)_2.10.6H_2O$ | 12– 618 | |
| i | 10.3x | 5.19$_3$ | 3.47$_1$ | 3.28$_1$ | 3.36$_1$ | 2.59$_1$ | 2.05$_1$ | 4.26$_1$ | $Ca_3U_7C_2O_{22}(OH)_{16}.4H_2O$ | 12– 635 | |
| * | 10.4x | 5.16$_5$ | 4.50$_5$ | 3.44$_3$ | 2.57$_4$ | 3.70$_3$ | 4.37$_3$ | 3.12$_2$ | $NH_4Al_2AlSi_3O_{10}(OH)_2$ | 18– 119 | |
| i | 10.2x | 5.16$_5$ | 1.57$_5$ | 3.84$_4$ | 2.73$_4$ | 6.10$_3$ | 4.52$_2$ | 3.47$_2$ | $(Mg,Mn)_5Zn_2(SO_4)(OH)_{12}.4H_2O$ | 33– 874 | |
| i | 15.3$_9$ | 5.15x | 3.72$_7$ | 3.45$_7$ | 3.15$_7$ | 3.27$_6$ | 4.78$_5$ | 3.01$_5$ | $Fe_9(PO_4)_4(OH)_{13}$ | 22– 283 | |
| * | 10.3x | 5.15$_6$ | 3.23$_6$ | 2.89$_6$ | 2.97$_5$ | 2.51$_4$ | 8.56$_3$ | 3.02$_3$ | $5(NH_4)_2O.12WO_3.5H_2O$ | 18– 128 | |
| | 10.4x | 5.14x | 8.29$_9$ | 4.38$_7$ | 3.45$_7$ | 2.39$_7$ | 1.74$_7$ | 2.68$_7$ | $(Mg,Mn,Zn)_8(SO_4)(OH)_{14}.4H_2O$ | 5– 94 | |
| | 11.0$_8$ | 5.12x | 7.99$_8$ | 5.75$_8$ | 3.04$_8$ | 3.13$_6$ | 3.75$_4$ | 1.86$_4$ | $(NH_4)_4(ZnH_4Mo_6O_{24}).5H_2O$ | 22– 507 | |
| | 11.0$_8$ | 5.10x | 8.01$_8$ | 5.79$_8$ | 3.03$_7$ | 3.74$_4$ | 3.13$_4$ | 7.19$_3$ | $(NH_4)_4(NiH_6Mo_6O_{24}).5H_2O$ | 22– 506 | |
| i | 12.0$_9$ | 5.09x | 2.88$_3$ | 2.61$_4$ | 2.95$_3$ | 2.57$_3$ | 5.53$_2$ | 4.35$_2$ | $Co_4Al_3(PO_4)_6(OH)_3.11H_2O$ | 13– 463 | |
| i | 10.2x | 5.09$_8$ | 3.39$_8$ | 2.71$_6$ | 2.65$_6$ | 2.44$_6$ | 2.17$_6$ | 1.57$_6$ | $Ca(Cu,Zn)_4(SO_4)_2(OH)_6.3H_2O$ | 22– 148 | |
| i | 10.2x | 5.08$_8$ | 3.39$_8$ | 2.65$_6$ | 2.51$_6$ | 4.67$_4$ | 3.73$_4$ | 3.18$_4$ | $Cu_4Ca(SO_4)_2(OH)_6.3H_2O$ | 22– 231 | |
| i | 10.7x | 5.07$_7$ | 6.31$_6$ | 3.40$_3$ | 5.91$_3$ | 3.76$_3$ | 5.34$_3$ | 3.21$_3$ | $MgUO_2(SO_4)_2.10H_2O$ | 33– 885 | |
| o | 18.1x | 5.06x | 3.42x | 4.14$_9$ | 5.60$_7$ | 8.40$_5$ | 0.00$_1$ | 0.00$_1$ | $C_{24}H_{18}$ | 28–2005 | |
| o | 10.7x | 5.06x | 4.67x | 4.21x | 9.99$_8$ | 7.77$_6$ | 7.11$_6$ | 4.98$_6$ | $C_6H_{15}O_6Pr.3H_2O$ | 30–1026 | |
| | 10.1$_8$ | 5.06x | 3.18$_4$ | 4.70$_4$ | 3.35$_3$ | 5.24$_2$ | 3.57$_1$ | 3.31$_1$ | $Ca(NH_4)_4H_2(P_2O_7)_2$ | 19– 214 | |
| | 10.0x | 5.06$_5$ | 1.47$_4$ | 7.28$_2$ | 3.47$_2$ | 3.37$_2$ | 2.50$_2$ | 2.43$_2$ | $(Na,Mn)_4Mn_{12}O_{28}.8H_2O$ | 4– 95 | |
| | 11.5x | 5.05x | 3.14$_9$ | 4.43$_8$ | 2.82$_5$ | 2.56$_4$ | 2.23$_3$ | 1.82$_3$ | $KHfF_3O$ | 22– 822 | |
| | 10.9$_8$ | 5.05x | 7.96$_8$ | 5.73$_8$ | 3.04$_7$ | 7.22$_3$ | 3.73$_3$ | 3.11$_3$ | $(NH_4)_4(CuH_6Mo_6O_{24}).5H_2O$ | 22– 504 | |
| | 10.2$_9$ | 5.04x | 2.70$_2$ | 2.00$_1$ | 2.85$_1$ | 1.55$_1$ | 1.81$_1$ | 2.63$_1$ | $C_2H_6O_4Zn_4$ | 19–1472 | |
| | 11.6x | 5.02$_3$ | 6.62$_2$ | 2.86$_1$ | 5.37$_1$ | 5.85$_1$ | 5.72$_1$ | 2.93$_1$ | $Al_3(PO_4)_3SO_4(OH)_4.4H_2O$ | 20– 48 | |
| i | 10.2x | 5.02$_9$ | 3.20$_5$ | 2.04$_4$ | 6.62$_3$ | 3.37$_3$ | 3.12$_3$ | 4.02$_2$ | $Ca(UO_2)_2V_2O_8.8H_2O$ | 6– 17 | |
| o | 10.1x | 5.01$_7$ | 3.34$_5$ | 1.46$_5$ | 2.56$_3$ | 2.47$_3$ | 2.44$_3$ | 2.27$_3$ | $Na_4Mn_{14}O_{27}.21H_2O$ | 32–1128 | |
| o | 10.8x | 5.00x | 4.64x | 4.21x | 9.95$_6$ | 7.76$_6$ | 7.05$_6$ | 4.99$_6$ | $C_9F_{13}O_6Sm.3H_2O$ | 31–1199 | |
| * | 9.97x | 5.00$_7$ | 3.20$_6$ | 3.12$_6$ | 6.94$_4$ | 3.33$_4$ | 7.20$_4$ | 3.08$_3$ | $C_9H_{32}N_{16}O_3S_8Tl_2$ | 20–1493 | |
| o | 10.8x | 4.99x | 4.59x | 4.16x | 9.84$_6$ | 7.65$_6$ | 7.00$_6$ | 4.93$_6$ | $C_9F_{15}ErO_6.3H_2O$ | 30– 529 | |
| o | 9.93x | 4.98$_8$ | 4.10$_8$ | 4.55$_6$ | 4.46$_6$ | 3.91$_6$ | 3.74$_6$ | 3.30$_6$ | $Ca_{0.53}ZrH_{0.9}(PO_4)_2.3.2H_2O$ | 30– 291 | |
| i | 11.2x | 4.97x | 3.22x | 2.70x | 2.79$_6$ | 1.97$_6$ | 7.88$_4$ | 5.56$_4$ | $(NH_4)_8(NiZnW_{12}O_{42}).xH_2O$ | 21– 35 | |
| | 10.3x | 4.94$_9$ | 3.58$_9$ | 3.51$_8$ | 6.61$_4$ | 4.48$_4$ | 3.67$_4$ | 5.18$_3$ | $Cu(UO_2)_2(PO_4)_2.8–12H_2O$ | 8– 360 | |
| i | 9.90$_8$ | 4.93x | 3.29$_8$ | 3.27$_8$ | 2.46$_8$ | 4.36$_6$ | 5.84$_4$ | 3.34$_4$ | $Li_4U(WO_4)_4$ | 31– 766 | |
| i | 11.1x | 4.92x | 3.18x | 2.67x | 2.75$_6$ | 1.95$_6$ | 7.84$_4$ | 5.50$_4$ | $(NH_4)_8(Zn_2W_{12}O_{42}).xH_2O$ | 21– 45 | |
| i | 9.82x | 4.91$_8$ | 3.74$_6$ | 3.20$_6$ | 3.18$_6$ | 3.14$_6$ | 3.09$_6$ | 5.75$_4$ | $Cu_2(UO_2)_2V_2O_8(OH)_2.8–10H_2O$ | 8– 398 | |
| | 14.3x | 4.89$_8$ | 5.05$_4$ | 6.69$_4$ | 6.08$_4$ | 4.50$_3$ | 5.60$_2$ | 9.67$_2$ | $Ca_{0.5}(NH_2)_2PO_2$ | 28– 656 | |
| o | 9.98x | 4.86$_8$ | 3.12$_8$ | 3.07$_8$ | 5.08$_7$ | 3.33$_7$ | 4.00$_5$ | 2.93$_3$ | $(NH_4)_2Cu(SO_4)_2.0.5H_2O$ | 28– 49 | |
| i | 11.8x | 4.85$_9$ | 5.93$_9$ | 2.58$_7$ | 2.79$_6$ | 2.69$_6$ | 2.96$_5$ | 2.66$_5$ | $(Cu,Zn)_5(SO_4)_2(OH)_6.6H_2O$ | 29– 591 | |
| i | 10.4x | 4.83$_6$ | 3.08$_6$ | 9.58$_5$ | 7.23$_5$ | 4.42$_5$ | 3.19$_4$ | 3.75$_3$ | $Fe_6(PO_4)_4(OH)_5.4H_2O$ | 22– 631 | |
| | 18.8x | 4.80$_2$ | 6.40$_1$ | 9.53$_1$ | 5.60$_1$ | 3.21$_1$ | 2.75$_1$ | 6.22$_1$ | $Sr_{0.5}(NH_2)_2PO_2$ | 30–1280 | |
| | 10.6$_8$ | 4.80x | 9.40$_8$ | 2.41$_6$ | 3.01$_3$ | 1.66$_3$ | 1.97$_4$ | 1.52$_4$ | Bi–Os–O | 1– 275 | |
| i | 10.8x | 4.78x | 3.09x | 2.59x | 2.68$_6$ | 1.89$_6$ | 7.61$_4$ | 5.32$_4$ | $K_8(NiZnW_{12}O_{42}).xH_2O$ | 21– 672 | |
| | 10.7x | 4.77x | 4.07$_8$ | 7.69$_6$ | 6.80$_6$ | 3.63$_4$ | 2.90$_4$ | 2.48$_4$ | $(BH_2NH)_2$ | 15– 23 | |
| | 10.1x | 4.77x | 2.51x | 5.52$_8$ | 3.04$_8$ | 1.99$_8$ | 5.17$_5$ | 4.36$_5$ | $Mg_4O_3SO_4.11H_2O$ | 8– 281 | |
| i | 12.8x | 4.76$_4$ | 2.63$_3$ | 7.56$_3$ | 4.26$_3$ | 7.22$_2$ | 3.70$_2$ | 2.55$_2$ | $FeAsO_4.3.5H_2O$ | 29– 694 | |
| | 10.6x | 4.76x | 3.08x | 2.59x | 2.66$_6$ | 1.89$_6$ | 7.56$_4$ | 5.33$_4$ | $K_8(Zn_2W_{12}O_{42}).xH_2O$ | 21– 720 | |
| i | 10.4x | 4.66$_8$ | 3.11$_8$ | 3.29$_7$ | 3.66$_6$ | 5.18$_5$ | 3.04$_5$ | 6.09$_4$ | $FeTeO_3(OH).H_2O$ | 21– 430 | |
| | 15.0x | 4.64x | 3.48x | 2.96x | 6.95$_8$ | 5.88$_6$ | 3.35$_6$ | 3.05$_6$ | $NaCeH(PO_4)_2.1.33H_2O$ | 28–1069 | |
| | 13.8x | 4.60$_9$ | 2.67$_7$ | 3.80$_6$ | 3.04$_6$ | 2.95$_6$ | 1.76$_6$ | 8.00$_4$ | $Pb_2Mg_2Si_2O_7(OH)_2$ | 22– 660 | |
| o | 9.82x | 4.59x | 4.11x | 3.29$_7$ | 4.99$_6$ | 4.42$_6$ | 3.83$_6$ | 3.63$_6$ | $\alpha$–$CaZr(PO_4)_2$ | 30– 293 | |
| o | 9.82x | 4.59x | 4.04$_8$ | 3.67$_7$ | 4.42$_6$ | 3.22$_6$ | 4.86$_4$ | 7.54$_3$ | $\alpha$–$CaZr(PO_4)_2$ | 28– 889 | |
| | 15.8$_8$ | 4.58x | 1.53x | 2.66$_8$ | 1.32$_8$ | 1.30$_8$ | 2.48$_6$ | 1.72$_6$ | $(Mg,Li)_3Si_4O_{10}(OH)_2.xH_2O$ | 9– 31 | |
| i | 12.7x | 4.58$_8$ | 3.95$_8$ | 3.59$_6$ | 3.31$_6$ | 2.86$_6$ | 6.48$_5$ | 5.43$_5$ | $Na_2Cu(Si_3O_7)_2.5H_2O$ | 32–1079 | |
| | 12.7x | 4.58$_8$ | 3.95$_8$ | 3.59$_7$ | 3.31$_7$ | 2.86$_7$ | 6.48$_5$ | 5.79$_5$ | $Na_2Cu(Si_3O_7)_2.5H_2O$ | 32–1080 | |
| | 10.9x | 4.57$_3$ | 3.25$_3$ | 4.04$_3$ | 4.01$_3$ | 3.66$_3$ | 2.54$_2$ | 2.94$_2$ | $C_2Cl_2Cs_2O_2$ | 30– 323 | |
| | 11.4x | 4.55$_7$ | 2.82$_6$ | 11.4x | 2.83$_6$ | 3.06$_5$ | 2.95$_5$ | 2.88$_5$ | $Ca_3Al_2P_2Si_2O_{15}$ | 33– 259 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11.1$_9$ | 4.55x | 9.12$_9$ | 3.99$_9$ | 5.09$_8$ | 4.33$_8$ | 4.28$_8$ | 3.65$_8$ | $C_8Cl_{12}Mo_2O_8$ | 30– 843 | |
| | 12.0x | 4.54x | 2.62$_9$ | 1.52$_9$ | 1.31$_7$ | 3.50$_5$ | 1.73$_4$ | 24.0$_2$ | $CaxMg_6Si_8O_{20}(OH)_4.xH_2O$ | 7– 357 | |
| | 10.0x | 4.54$_8$ | 3.35$_8$ | 2.60$_8$ | 1.52$_6$ | 3.66$_5$ | 3.11$_5$ | 2.42$_5$ | $KAlV_2Si_3O_{10}(OH)_2$ | 10– 496 | |
| | 15.5x | 4.53$_5$ | 1.52$_1$ | 5.00$_1$ | 2.59$_1$ | 3.14$_1$ | 0.00$_1$ | 0.00$_1$ | $Na_{.3}Zn_3(SiAl)_4O_{10}OH_2.xH_2O$ | 29–1500 | |
| | 15.5x | 4.53$_4$ | 1.52$_2$ | 3.10$_1$ | 2.54$_1$ | 5.00$_1$ | 1.87$_1$ | 2.27$_1$ | $CaxMg_6Si_8O_{20}(OH)_4.xH_2O$ | 25–1498 | |
| | 15.0$_9$ | 4.53x | 4.97$_8$ | 30.0$_6$ | 2.54$_5$ | 1.51$_5$ | 3.29$_3$ | 2.98$_3$ | $Na(AlMg)_7Si_8O_{20}(OH)_{10}.H_2O$ | 12– 231 | |
| | 13.0x | 4.53$_9$ | 1.51$_9$ | 3.09$_8$ | 2.62$_6$ | 1.71$_6$ | 1.30$_6$ | 6.27$_4$ | $Li(AlMg)_4Si_8O_{20}OH_4.xH_2O$ | 29– 809 | |
| o | 10.1x | 4.53x | 4.06$_6$ | 3.33$_6$ | 4.80$_4$ | 4.28$_4$ | 3.74$_4$ | 3.61$_4$ | $\alpha$–$SrZr(PO_4)_2$ | 28–1273 | |
| i | 14.3x | 4.52$_4$ | 10.4$_3$ | 4.00$_2$ | 2.85$_2$ | 7.14$_1$ | 6.42$_1$ | 2.80$_1$ | $Cu_9(AsO_4)_2(SO_4)(OH)_{10}.7H_2O$ | 29– 533 | |
| | 13.3x | 4.51$_6$ | 3.49$_5$ | 1.79$_4$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | $Na_{0.3}Fe_2Si_4O_{10}(OH)_2.xH_2O$ | 13– 508 | |
| | 15.0x | 4.50$_8$ | 5.01$_6$ | 3.02$_6$ | 1.50$_5$ | 1.49$_5$ | 2.58$_4$ | 2.50$_4$ | $Ca_{.2}(AlMg)_2Si_4O_{10}OH_2.xH_2O$ | 13– 135 | |
| * | 12.3x | 4.50$_9$ | 3.49$_9$ | 6.16$_8$ | 3.96$_5$ | 4.11$_5$ | 4.33$_4$ | 3.62$_3$ | $NH_4Sb_2F_7$ | 29– 107 | |
| | 11.0x | 4.50x | 3.18$_8$ | 3.40$_5$ | 3.05$_5$ | 9.20$_3$ | 2.70$_3$ | 1.52$_3$ | Ba–W–B–O | 1– 36 | |
| o | 10.2x | 4.50$_8$ | 4.11$_8$ | 5.09$_6$ | 3.77$_6$ | 3.32$_6$ | 3.19$_6$ | 2.99$_6$ | $Sr_{0.33}ZrH_{0.9}(PO_4)_2.3.5H_2O$ | 30–1318 | |
| o | 9.98x | 4.50$_8$ | 3.78$_8$ | 3.38$_8$ | 3.00$_8$ | 2.65$_8$ | 4.18$_6$ | 2.09$_6$ | $Zr(LiPO_4)_2.4H_2O$ | 30– 781 | |
| i | 9.91$_9$ | 4.50x | 2.56$_8$ | 3.62$_7$ | 3.06$_7$ | 3.33$_6$ | 3.29$_6$ | 2.59$_5$ | $KMgAlSi_4O_{10}(OH)_2$ | 21– 993 | |
| i | 17.6x | 4.49$_8$ | 1.50$_6$ | 9.00$_5$ | 3.58$_4$ | 2.57$_4$ | 2.99$_3$ | 1.70$_3$ | $Na_{.3}(AlMg)_2Si_4O_{10}OH_2.xH_2O$ | 12– 219 | |
| | 15.2x | 4.48$_6$ | 2.56$_3$ | 3.58$_2$ | 3.05$_2$ | 1.51$_1$ | 1.34$_1$ | 7.44$_1$ | $Na_{.3}Fe_2Si_4O_{10}(OH)_2.xH_2O$ | 29–1497 | |
| | 14.5$_8$ | 4.48x | 2.61$_7$ | 2.51$_7$ | 1.53$_7$ | 2.41$_6$ | 2.35$_6$ | 7.38$_4$ | $Mg_2AlSi_3AlO_{10}(OH)_2.5H_2O$ | 30– 789 | |
| i | 10.0x | 4.48$_9$ | 3.33$_9$ | 2.61$_6$ | 1.53$_6$ | 2.42$_4$ | 1.67$_3$ | 4.95$_2$ | $K(Al,Mg)_3Si_3AlO_{10}(OH)_2$ | 9– 343 | |
| | 13.6x | 4.47$_2$ | 3.34$_1$ | 3.23$_1$ | 2.92$_1$ | 2.59$_1$ | 2.49$_1$ | 0.00$_1$ | $Na_{.3}(AlMg)_2Si_4O_{10}OH_2.xH_2O$ | 13– 259 | |
| o | 10.7x | 4.47$_6$ | 4.35$_6$ | 3.79$_6$ | 3.06$_6$ | 2.70$_6$ | 2.65$_6$ | 3.65$_4$ | $Zr(KPO_4)_2.(2.7H_2O)$ | 30–1023 | |
| i | 10.4x | 4.47$_2$ | 4.26$_2$ | 2.54$_2$ | 3.68$_2$ | 3.10$_2$ | 6.36$_1$ | 3.18$_1$ | $Mg_3(Si,Al)_8O_{20}(OH)_2.8H_2O$ | 31– 783 | |
| | 13.4$_8$ | 4.46x | 3.34$_7$ | 13.4$_6$ | 2.50$_5$ | 3.79$_4$ | 2.88$_4$ | 2.23$_3$ | $Na_2Si_2O_5.5H_2O$ | 33–1279 | |
| | 21.5x | 4.45$_6$ | 3.15$_4$ | 2.56$_4$ | 1.50$_3$ | 10.6$_2$ | 1.69$_1$ | 1.33$_1$ | $Na_{.3}(AlMg)_2Si_4O_{10}OH_2.xH_2O$ | 29–1499 | |
| | 15.9x | 4.43$_8$ | 3.95$_8$ | 3.41$_8$ | 2.93$_8$ | 7.89$_6$ | 5.59$_6$ | 5.27$_6$ | $CeH_2P_2O_8.1.33H_2O$ | 28– 265 | |
| i | 17.6x | 4.42x | 3.95x | 3.54x | 2.50x | 1.50x | 2.57$_8$ | 2.36$_8$ | $Ca_{.2}Al_2Si_4O_{10}(OH)_2.xH_2O$ | 19– 150 | |
| i | 11.3x | 4.42x | 3.34x | 4.97$_8$ | 6.16$_6$ | 6.07$_6$ | 5.23$_6$ | 4.74$_6$ | $Al_{13}(OH)_{11}(CrO_4)_{14}.41H_2O$ | 32– 7 | |
| | 10.1$_9$ | 4.42x | 3.34$_9$ | 1.48$_9$ | 2.56$_8$ | 1.68$_8$ | 1.28$_7$ | 1.23$_7$ | $Al_2Si_2O_5(OH)_4.2H_2O$ | 9– 451 | |
| i | 10.4$_8$ | 4.39x | 6.02$_8$ | 3.36$_8$ | 3.06$_8$ | 2.64$_8$ | 2.49$_8$ | 2.36$_8$ | $Na_3AsO_4.12H_2O$ | 24– 903 | |
| i | 10.1$_9$ | 4.38x | 8.09$_8$ | 3.10$_7$ | 2.93$_6$ | 2.54$_6$ | 4.97$_4$ | 2.32$_4$ | $Mg_8Si_{12}O_{30}(OH)_4$ | 26–1227 | |
| | 10.0x | 4.36$_7$ | 3.35$_4$ | 2.54$_4$ | 1.48$_3$ | 1.67$_1$ | 1.28$_1$ | 0.00$_1$ | $Al_2Si_2O_5(OH)_4.2H_2O$ | 29–1489 | |
| o | 13.2x | 4.35x | 6.56$_8$ | 2.61$_6$ | 3.26$_2$ | 2.17$_2$ | 1.86$_1$ | 0.00$_1$ | $NaSm(CO_3)_2.6H_2O$ | 30–1240 | |
| | 12.9x | 4.34$_2$ | 4.51$_1$ | 3.63$_1$ | 2.55$_1$ | 7.63$_1$ | 4.81$_1$ | 3.83$_1$ | $Na_2Mg_2Si_4O_{10}.8H_2O$ | 13– 310 | |
| o | 13.1x | 4.33$_9$ | 6.53$_8$ | 2.60$_6$ | 2.16$_3$ | 1.85$_1$ | 3.24$_1$ | 0.00$_1$ | $NaGd(CO_3)_2.6H_2O$ | 31–1291 | |
| | 10.6x | 4.32x | 3.64x | 2.25x | 2.22x | 2.16x | 2.07x | 1.79x | $Hg_2O_2S$ | 20– 739 | |
| | 11.5x | 4.31$_8$ | 3.91$_8$ | 4.55$_6$ | 5.68$_4$ | 5.37$_4$ | 3.15$_3$ | 7.74$_1$ | $H_2Si_2O_7$ | 31– 578 | |
| o | 11.5x | 4.30x | 2.44x | 10.2$_8$ | 3.10$_8$ | 10.9$_7$ | 3.70$_7$ | 2.48$_7$ | $(Na,Ce)_2Ti(Si,C)_3O_9.xH_2O$ | 25– 783 | |
| * | 11.2$_9$ | 4.30x | 2.79x | 2.56x | 2.51$_9$ | 4.67$_7$ | 4.07$_7$ | 3.67$_7$ | $Na_2SiO_3.6H_2O$ | 19–1238 | |
| * | 10.4x | 4.29$_7$ | 4.05$_6$ | 3.46$_5$ | 3.28$_5$ | 2.70$_5$ | 3.18$_4$ | 5.61$_3$ | $Na_{12}Mg_7(SO_4)_{13}.15H_2O$ | 29–1241 | 0.60 |
| o | 10.1x | 4.29$_8$ | 4.16$_8$ | 4.05$_8$ | 3.52$_8$ | 3.38$_8$ | 3.27$_8$ | 4.59$_6$ | $LiZrH(PO_4)_2.4H_2O$ | 30– 776 | |
| i | 10.1$_8$ | 4.28g | 4.81g | 6.97x | 2.80$_8$ | 2.91$_6$ | 3.44$_5$ | 2.20$_5$ | $CuFe_2(AsO_4,PO_4)_2O_2.4H_2O$ | 16– 397 | |
| | 10.1x | 4.28$_7$ | 3.79$_7$ | 3.58$_6$ | 3.49$_6$ | 2.76$_6$ | 2.56$_6$ | 4.38$_5$ | $Na_2(Sn(AsO_4)_2.3H_2O)$ | 30–1251 | |
| i | 11.0$_8$ | 4.25x | 2.61$_9$ | 2.60$_8$ | 6.59$_8$ | 2.13$_8$ | 2.07$_8$ | 5.15$_5$ | $\alpha$–$Na_4Mg(PO_4)_2$ | 27– 739 | |
| i | 13.6x | 4.24x | 4.72$_8$ | 3.60$_8$ | 8.90$_6$ | 5.41$_6$ | 5.14$_6$ | 5.03$_6$ | $Al_{13}(OH)_{11}(CrO_4)_{14}.36H_2O$ | 32– 6 | |
| o | 12.8x | 4.23$_3$ | 2.54$_2$ | 3.89$_1$ | 3.31$_1$ | 3.21$_1$ | 2.93$_1$ | 2.86$_1$ | $Ti(NaPO_4)_2.2H_2O$ | 32–1375 | |
| o | 12.6x | 4.23x | 2.88x | 6.35$_8$ | 4.17$_7$ | 2.38$_7$ | 4.40$_6$ | 2.50$_6$ | $Ca_2Al_2GeO_7.8H_2O$ | 30– 225 | |
| i | 9.92$_8$ | 4.23x | 2.42x | 3.13$_8$ | 2.93$_8$ | 7.00$_6$ | 4.95$_6$ | 4.43$_6$ | $Na(Ni(NH))(Ag(SO)).NH$ | 27– 763 | |
| | 11.9x | 4.22x | 3.46x | 2.56x | 4.66$_6$ | 3.61$_6$ | 3.18$_6$ | 3.12$_6$ | $KCa_2H_7(PO_4)_4.2H_2O$ | 12– 549 | |
| | 12.8x | 4.21$_4$ | 4.15$_4$ | 4.90$_3$ | 3.35$_3$ | 3.04$_3$ | 3.82$_2$ | 3.47$_2$ | $NaBiP_2O_7.3H_2O$ | 28–1049 | |
| o | 10.1x | 4.21x | 5.03$_6$ | 3.33$_6$ | 2.01$_6$ | 2.51$_5$ | 5.63$_5$ | 2.77$_5$ | $Cu_4Al_2(CO_3,SO_4)(OH)_{12}.2H_2O$ | 16– 365 | |
| | 16.8x | 4.20x | 8.39$_8$ | 3.36$_6$ | 1.56$_4$ | 2.80$_3$ | 2.59$_3$ | 2.47$_3$ | $Cu_{16}Te_3O_{11}(OH)_{26}.27H_2O$ | 29– 590 | |
| | 10.0$_9$ | 4.20x | 6.50x | 4.76$_9$ | 4.65$_9$ | 2.89$_9$ | 2.87$_9$ | 3.64$_8$ | $Na(NH_4)HPO_4.4H_2O$ | 11– 358 | |
| i | 12.0x | 4.19$_7$ | 3.12$_6$ | 5.09$_5$ | 1.65$_5$ | 3.64$_4$ | 2.95$_4$ | 2.59$_4$ | $CaMn(SiO_3)_2(OH).2H_2O$ | 29– 350 | |
| i | 12.5x | 4.18$_7$ | 6.27$_4$ | 2.88$_2$ | 2.61$_2$ | 2.37$_2$ | 4.93$_1$ | 4.40$_1$ | $Ca_2Al_2SiO_7.8H_2O$ | 29– 285 | |
| i | 9.92x | 4.17$_9$ | 3.16$_9$ | 4.09$_8$ | 3.24$_8$ | 3.07$_8$ | 5.10$_7$ | 3.20$_7$ | $Al(UO_2)_2(VO_4)_2(OH).8H_2O$ | 23– 770 | |
| | 12.3x | 4.16x | 2.55x | 2.69$_7$ | 3.12$_4$ | 1.57$_4$ | 6.26$_3$ | 2.35$_3$ | $(Fe,Mg)_6(Si,Al)_8O_{19}(OH)_9$ | 29– 703 | |
| | 9.83x | 4.16$_4$ | 3.41$_3$ | 3.83$_2$ | 4.52$_2$ | 4.38$_2$ | 3.60$_2$ | 2.69$_2$ | $\alpha Na_2Zr(PO_4)_2.3H_2O$ | 24–1182 | |
| o | 11.3x | 4.14$_4$ | 3.79$_4$ | 2.84$_4$ | 3.07$_2$ | 5.47$_1$ | 0.00$_1$ | 0.00$_1$ | $Bi_2B_8O_{15}$ | 15– 322 | |
| | 10.8x | 4.13$_6$ | 5.28$_4$ | 4.32$_4$ | 3.45$_4$ | 8.66$_3$ | 4.43$_2$ | 4.27$_2$ | $Al_2PO_4SO_4OH.9H_2O$ | 20– 47 | |
| o | 21.0x | 4.12x | 1.40x | 11.7$_8$ | 7.80$_8$ | 3.75$_8$ | 2.32$_8$ | 5.70$_4$ | $Al_4Si_2O_7(OH)_{10}.xH_2O$ | 25–1493 | |
| | 11.6x | 4.12$_7$ | 2.91$_7$ | 3.06$_6$ | 8.48$_5$ | 5.77$_5$ | 3.01$_5$ | 6.01$_4$ | $NH_4AlPO_4OH.8H_2O$ | 28– 45 | |
| i | 12.0$_9$ | 4.10x | 2.96$_8$ | 7.69$_6$ | 5.07$_6$ | 3.22$_6$ | 2.85$_6$ | 2.67$_6$ | $(Na_2,Ca)Al_2Si_4O_{12}.6H_2O$ | 9– 419 | |
| | 11.8x | 4.10$_8$ | 3.97$_8$ | 3.80$_8$ | 3.36$_8$ | 6.71$_6$ | 6.46$_6$ | 3.72$_6$ | $(NH_4)_3Nb_4O_7(SO_4)_4$ | 18– 134 | |
| o | 9.98x | 4.10$_8$ | 4.51$_6$ | 3.91$_6$ | 3.72$_6$ | 3.57$_6$ | 3.44$_6$ | 3.19$_6$ | $Ca_{0.62}ZrH_{0.74}(PO_4)_2.3H_2O$ | 30– 290 | |
| | 12.2$_8$ | 4.09x | 2.89$_9$ | 2.81$_8$ | 2.50$_8$ | 5.90$_7$ | 3.29$_7$ | 2.96$_7$ | $PbBr_2.3H_2O$ | 6– 185 | |
| o | 11.9$_8$ | 4.08x | 9.91$_6$ | 8.91$_6$ | 5.02$_6$ | 4.60$_6$ | 4.47$_6$ | 3.97$_6$ | $C_8CrF_{12}K_2O_{10}$ | 24– 838 | |
| | 11.0x | 4.08$_7$ | 5.97$_6$ | 4.13$_5$ | 3.69$_5$ | 2.86$_5$ | 3.09$_5$ | 3.50$_4$ | $(Bi_2B_8O_{15})$ | 15– 362 | |
| i | 10.1x | 4.06$_9$ | 6.94$_7$ | 4.87$_5$ | 9.56$_4$ | 3.95$_4$ | 3.31$_4$ | 3.57$_3$ | $Cu_9(Si_4O_{11})_2(OH)_4.xH_2O$ | 29– 576 | |
| | 10.1x | 4.06x | 3.37$_9$ | 3.40$_7$ | 2.39$_4$ | 2.60$_3$ | 2.52$_1$ | 2.21$_1$ | $BaMgLi_{1.5}Al_{3.5}Si_4O_{12}OH_8$ | 33– 787 | |
| | 11.7$_8$ | 4.05x | 9.60$_8$ | 3.50$_8$ | 7.82$_5$ | 7.13$_5$ | 6.46$_5$ | 4.77$_5$ | $C_4HF_6O_8Sc$ | 28– 999 | |
| o | 10.4x | 4.04$_8$ | 3.18$_8$ | 5.18$_6$ | 3.68$_6$ | 8.04$_4$ | 6.14$_4$ | 3.41$_4$ | $(Cu,Co,Ni)_3As_4O_{15}.9H_2O$ | 11– 165 | |
| | 10.1$_8$ | 4.02x | 7.08$_8$ | 6.23$_8$ | 4.80$_8$ | 3.07$_5$ | 3.00$_5$ | 2.49$_5$ | $(NH_4)_2VO(SO_4)_2$ | 28– 94 | |
| | 9.88x | 4.02$_3$ | 3.60$_3$ | 3.31$_2$ | 3.22$_2$ | 3.13$_2$ | 4.60$_2$ | 4.31$_2$ | $NaZrH(PO_4)_2.4H_2O$ | 24–1176 | |
| i | 10.3x | 4.01x | 3.44$_9$ | 2.48$_7$ | 3.16$_7$ | 3.09$_7$ | 2.39$_6$ | 5.13$_5$ | $NaHSi_2O_4(OH)_2.2H_2O$ | 25–1309 | |
| o | 12.1x | 3.98$_6$ | 3.80$_6$ | 3.47$_6$ | 3.43$_6$ | 3.22$_6$ | 2.40$_6$ | 2.30$_6$ | $Ba(SO_3Cl)_2.HSO_3Cl$ | 28– 138 | |
| o | 11.6$_8$ | 3.98x | 5.88$_8$ | 4.96$_8$ | 7.61$_6$ | 6.79$_6$ | 4.29$_6$ | 3.67$_6$ | $C_4Cl_2CrF_4O_6$ | 23– 179 | |
| i | 11.2x | 3.98$_8$ | 3.59$_8$ | 3.17$_8$ | 5.55$_7$ | 3.70$_7$ | 3.27$_7$ | 3.12$_7$ | $FeU_5F_{10}.8H_2O$ | 23–1129 | |
| i | 11.1x | 3.98$_8$ | 3.60$_8$ | 3.17$_8$ | 5.59$_7$ | 3.73$_7$ | 3.28$_7$ | 3.12$_7$ | $CoU_5F_{10}.8H_2O$ | 21– 275 | |
| | 9.96x | 3.98$_4$ | 7.33$_2$ | 3.32$_2$ | 6.24$_2$ | 3.12$_2$ | 3.03$_2$ | 2.31$_2$ | $Fe(CS(NH_2)_2)_2(NCS)_2$ | 20– 537 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 15.6x | $3.96_3$ | $5.28_3$ | $14.7_2$ | $3.18_2$ | $2.93_2$ | $2.27_1$ | $7.90_1$ | $Ce(HPO_4)_2.1.33H_2O$ | 33– 328 | |
| | 11.0x | 3.96x | $9.40_8$ | $7.60_8$ | $3.53_8$ | $3.16_6$ | $0.00_1$ | $0.00_1$ | $C_{20}H_{30}P_4CrO_{22}$ | 21– 859 | |
| | 16.2$_8$ | 3.95x | $3.08_2$ | $2.92_8$ | $2.69_8$ | $7.53_6$ | $3.49_6$ | $3.32_4$ | $BaAl_2Si_3O_{10}.xH_2O$ | 19– 91 | |
| c | 12.3$_8$ | 3.95x | $5.01_8$ | $4.04_6$ | $8.91_6$ | $4.58_6$ | $4.45_6$ | $3.67_4$ | $C_2CrF_6KO_8$ | 30– 925 | |
| | 9.80x | $3.95_6$ | $5.60_7$ | $2.80_7$ | $2.60_7$ | $2.23_5$ | $4.81_4$ | $3.65_4$ | $CaFe(SO)_2(OH).25–27H_2O$ | 19– 223 | |
| | | | | | | | | | | | |
| | 11.6$_8$ | 3.94x | $9.72_8$ | $8.84_8$ | $6.86_5$ | $5.84_5$ | $3.63_3$ | $3.36_5$ | $C_6H_{10}Cl_3LaO_8$ | 21– 439 | |
| | 16.5x | $3.93_4$ | $3.28_4$ | $8.23_2$ | $6.16_2$ | $3.97_2$ | $2.94_2$ | $2.74_2$ | $AlPO_4.2H_2O$ | 15– 274 | |
| c | 13.2x | $3.93_2$ | $5.75_1$ | $3.24_1$ | $3.17_1$ | $3.09_1$ | $3.03_1$ | $2.89_1$ | $TiHNa(PO_4)_2.3H_2O$ | 32–1374 | |
| | 11.0x | $3.93_7$ | $2.94_7$ | $5.93_4$ | $4.59_4$ | $3.18_4$ | $3.08_4$ | $2.84_4$ | $Cu_3As_4O_{13}.10H_2O$ | 11– 164 | |
| | 9.98x | $3.93_4$ | $2.99_4$ | $6.71_4$ | $5.01_3$ | $5.86_2$ | $3.13_2$ | $2.65_2$ | $Mn_3(PO_4)_2.4H_2O$ | 5– 110 | |
| | | | | | | | | | | | |
| | 10.0x | $3.92_8$ | $3.81_5$ | $3.34_4$ | $4.05_3$ | $5.34_2$ | $2.38_2$ | $2.49_2$ | $H_2Si_2O_7$ | 31– 579 | |
| | 10.8x | $3.91_3$ | $3.12_3$ | $2.72_2$ | $3.76_2$ | $2.79_2$ | $4.43_1$ | $3.01_1$ | $K_2Zr(AsO_4)_2.3H_2O$ | 33–1068 | |
| | 11.3x | 3.90x | $9.40_8$ | $8.80_8$ | $7.50_8$ | $3.53_8$ | $5.30_6$ | $3.14_6$ | $C_{20}H_{30}B_4FeO_{22}$ | 21– 911 | |
| | 11.0x | 3.90x | $9.40_8$ | $8.70_8$ | $7.50_8$ | $3.50_8$ | $5.30_6$ | $3.14_6$ | $C_{20}H_{30}B_4CoO_{22}$ | 21– 864 | |
| c | 10.3x | 3.90x | $3.02_8$ | $4.47_6$ | $4.19_6$ | $3.47_6$ | $2.90_6$ | $2.70_6$ | $NaKZr(PO_4)_2.2.7H_2O$ | 30– 990 | |
| | | | | | | | | | | | |
| i | 14.0x | $3.89_8$ | $3.01_8$ | $2.90_8$ | $3.49_6$ | $11.7_4$ | $4.84_4$ | $8.70_3$ | $Ca_3H_2(AsO_4)_4.9H_2O$ | 26–1055 | |
| | 11.4$_8$ | 3.89x | $9.41_8$ | $8.74_8$ | $6.77_5$ | $5.80_3$ | $3.60_5$ | $3.32_5$ | $C_6H_{10}Cl_3O_6Pr$ | 21– 727 | |
| | 10.0x | $3.89_2$ | $5.05_1$ | $4.56_1$ | $4.11_1$ | $3.30_1$ | $3.10_1$ | $3.55_1$ | $ZrLiHPO_4.H_2O$ | 24–1488 | |
| | 11.9x | $3.88_3$ | $3.41_2$ | $2.34_2$ | $5.90_1$ | $4.12_1$ | $2.71_1$ | $0.00_1$ | $Cs_{1.5}Na_{0.5}Zr(PO_4)_2.4H_2O$ | 33– 375 | |
| * | 11.7$_8$ | 3.88x | $3.69_9$ | $2.95_3$ | $3.00_3$ | $2.67_2$ | $4.90_2$ | $2.56_2$ | $Ca(H_2PO_4)_2.H_2O$ | 9– 347 | |
| | | | | | | | | | | | |
| | 11.5$_8$ | 3.88x | $9.44_8$ | $8.74_8$ | $6.76_5$ | $5.78_5$ | $3.58_5$ | $3.32_5$ | $C_6H_{10}Cl_3NdO_8$ | 21– 578 | |
| o | 11.3$_8$ | 3.88x | $4.92_8$ | $3.38_8$ | $7.30_6$ | $5.64_6$ | $4.24_6$ | $3.60_6$ | $C_4CrF_6O_6$ | 23– 180 | |
| o | 10.2x | $3.88_9$ | $5.26_8$ | $5.47_3$ | $3.04_4$ | $3.38_4$ | $2.39_4$ | $2.03_4$ | $Cu_4Al_2SO_4(OH)_{12}.2H_2O$ | 11– 131 | |
| i | 10.2x | 3.88x | 3.16x | 2.84x | $3.43_9$ | $5.12_8$ | $3.32_8$ | $2.57_8$ | $K_2(Pt_3(NO_2)_6O).3H_2O$ | 31–1067 | |
| c | 10.1x | $3.87_9$ | $2.98_8$ | $2.95_3$ | $2.10_3$ | $2.86_2$ | $2.64_1$ | $1.76_1$ | $C_2H_3NaO_2$ | 28–1029 | |
| | | | | | | | | | | | |
| * | 12.0x | $3.85_2$ | $3.48_1$ | $3.00_1$ | $3.88_1$ | $2.40_1$ | $2.23_1$ | $2.00_1$ | $C_4H_6Hg_2O_4$ | 31– 851 | 1.83 |
| | 11.7x | $3.85_7$ | $3.21_7$ | $3.10_7$ | $3.09_6$ | $2.82_3$ | $2.05_3$ | $1.90_2$ | $Ce_2(MoO_4)_3.4.5H_2O$ | 31– 333 | |
| | 10.7x | 3.84x | $5.36_9$ | $4.59_6$ | $2.56_5$ | $6.80_2$ | $6.50_2$ | $5.56_2$ | $KCr_3(P_3O_{10})_2.24H_2O$ | 22– 809 | |
| o | 11.3x | $3.83_7$ | $8.61_7$ | $9.19_6$ | $3.90_6$ | $6.63_3$ | $3.57_5$ | $5.72_5$ | $C_6H_6Cl_3O_6Sm.3H_2O$ | 31–1202 | |
| | 15.9x | $3.82_4$ | $7.46_3$ | $3.14_2$ | $7.94_3$ | $3.35_3$ | $4.32_2$ | $3.59_2$ | $H_6K_3Al_3(PO_4)_8.18H_2O$ | 29– 981 | |
| | | | | | | | | | | | |
| * | 14.5x | $3.82_1$ | $8.87_1$ | $5.75_1$ | $2.80_1$ | $7.56_1$ | $3.35_1$ | $2.90_1$ | $K_{86.5}Al_{86.5}Si_{105.5}O_{384}$ | 26– 895 | |
| i | 15.2x | $3.81_4$ | $2.96_4$ | $2.93_3$ | $3.05_2$ | $5.08_2$ | $7.62_2$ | $3.75_2$ | $CaAl_2Si_3O_{10}.5–6H_2O$ | 29– 286 | |
| | 11.1x | $3.81_8$ | $3.02_8$ | $5.59_7$ | $2.23_7$ | $4.68_6$ | $3.73_6$ | $2.98_6$ | $FeB_{12}O_{19}.5H_2O$ | 28– 481 | |
| i | 10.6x | $3.81_4$ | $5.31_5$ | $4.07_4$ | $2.73_3$ | $2.67_3$ | $2.59_2$ | $2.65_1$ | $Cd_3(P_3O_9)_2.14H_2O$ | 26– 268 | |
| * | 14.4x | $3.80_2$ | $2.88_1$ | $8.81_1$ | $5.72_1$ | $3.33_1$ | $2.79_1$ | $4.80_1$ | $KAlSiO.247H_2O$ | 26– 897 | |
| | | | | | | | | | | | |
| | 11.5x | $3.79_7$ | $5.48_5$ | $3.85_5$ | $3.13_4$ | $2.89_4$ | $3.66_3$ | $3.28_3$ | $\gamma–Ti(HPO_4)_2.H_2O$ | 33–1378 | |
| c | 11.0x | $3.78_3$ | $3.73_3$ | $3.13_3$ | $3.01_3$ | $3.66_1$ | $2.98_1$ | $2.77_1$ | $TiH_{1.5}Na_{0.5}(PO_4)_2.H_2O$ | 32–1373 | |
| * | 14.3x | $3.77_2$ | $5.68_1$ | $3.32_1$ | $8.75_1$ | $2.92_1$ | $2.86_1$ | $4.37_1$ | $K(NH_4)AlSiO.101H_2O$ | 26– 899 | |
| * | 14.3x | $3.77_2$ | $5.66_2$ | $2.85_1$ | $3.30_1$ | $8.73_1$ | $4.75_1$ | $2.91_1$ | $KAlSiO.243H_2O$ | 26– 896 | |
| c | 11.5x | $3.77_2$ | $2.86_2$ | $7.58_2$ | $4.35_2$ | $3.60_1$ | $6.65_1$ | $5.76_1$ | $(KCaMg)_3Al_5Si_{13}O_{36}.14H_2O$ | 25–1186 | |
| | | | | | | | | | | | |
| | 10.9x | $3.77_8$ | $7.63_5$ | $5.79_4$ | $3.14_4$ | $5.51_4$ | $6.63_3$ | $4.90_1$ | $C_{31}H_{22}N_4Ni$ | 29–2002 | |
| o | 10.8x | $3.76_2$ | $3.45_2$ | $4.24_2$ | $3.34_1$ | $4.12_1$ | $4.43_1$ | $2.76_1$ | $Zr(HAsO_4)_2.10H_2O$ | 32–1493 | |
| | 10.8x | $3.76_8$ | $2.56_8$ | $7.61_6$ | $6.05_6$ | $3.58_6$ | $3.42_6$ | $2.42_6$ | $C_{20}H_{24}CuO_{20}Rb_4$ | 21– 747 | |
| | 11.1x | $3.74_8$ | $3.29_3$ | $2.94_2$ | $4.62_6$ | $5.58_5$ | $2.18_3$ | $2.07_3$ | $Fe(UO_2)_4(PO_4)_2(SO_4)_2.22H_2O$ | 29–1401 | |
| | 10.4x | $3.74_6$ | $4.46_3$ | $2.66_2$ | $4.38_2$ | $3.65_2$ | $3.00_2$ | $9.05_2$ | $(NH_4)LiZr(PO_4)_2.2.5H_2O$ | 33– 65 | |
| | | | | | | | | | | | |
| | 10.3x | $3.71_8$ | $3.19_8$ | $2.32_8$ | $1.33_8$ | $5.28_6$ | $4.00_6$ | $1.96_6$ | $AsHP_2O_8.2H_2O$ | 21– 55 | |
| | 11.8x | 3.70x | $3.42_8$ | $2.97_8$ | $2.63_8$ | $6.54_6$ | $5.05_6$ | $4.03_6$ | $C_6H_{13}CuNO_6$ | 21– 277 | |
| | 11.0x | 3.70x | 6.70x | $3.50_8$ | $2.96_8$ | $5.60_6$ | $4.95_6$ | $4.51_6$ | $NaPO_2(NH_2)_2$ | 11– 394 | |
| o | 10.4x | $3.69_2$ | $3.35_2$ | $5.21_1$ | $4.13_1$ | $2.64_1$ | $2.42_1$ | $3.21_1$ | $Zr(HPO_4)_2.8H_2O$ | 31–1490 | |
| i | 12.2x | $3.68_7$ | $2.95_8$ | $8.65_7$ | $7.07_7$ | $4.07_7$ | $3.26_6$ | $5.48_3$ | $NaO.AlO.SiO.PO.xH_2O$ | 27–1406 | |
| | | | | | | | | | | | |
| * | 9.92$_8$ | 3.68x | $3.54_8$ | $3.47_2$ | $3.25_2$ | $4.21_3$ | $3.82_3$ | $2.32_3$ | $Ti_4(OH)_{12}Br_4.6H_2O$ | 21–1235 | |
| | 9.91x | 3.67x | $3.54_8$ | $4.20_6$ | $3.47_6$ | $3.24_6$ | $2.31_6$ | $9.17_4$ | $Ti_4O_6Br_4.12H_2O$ | 20–1307 | |
| | 9.82x | 3.67, | $3.26_4$ | $3.16_4$ | $2.97_3$ | $3.12_4$ | $3.32_4$ | $5.12_3$ | $KCa_2H(P_2O_7)_2.4H_2O$ | 21– 627 | |
| c | 11.2x | 3.66, | $7.09_7$ | $12.1_7$ | $4.75_3$ | $4.69_3$ | $2.86_4$ | $2.84_4$ | $Ba_3(P_3O_9)_2.6H_2O$ | 29– 198 | 1.29 |
| | 10.8x | $3.66_2$ | $2.98_1$ | $2.70_1$ | $2.66_1$ | $2.63_1$ | $2.52_1$ | $2.05_1$ | $C_4H_6Hg_2O_4Se_2$ | 24– 754 | |
| | | | | | | | | | | | |
| | 10.6x | $3.64_2$ | $2.65_2$ | $2.62_2$ | $2.02_2$ | $6.45_1$ | $4.02_1$ | $3.28_1$ | $C_4H_6Hg_2O_4S_2$ | 24– 755 | |
| o | 12.6$_8$ | 3.63x | $7.53_8$ | $4.22_8$ | $4.92_6$ | $1.23_6$ | $4.66_4$ | $6.68_2$ | $C_{16}Li$ | 18– 313 | |
| i | 11.1$_8$ | 3.63x | $4.72_9$ | $7.07_8$ | $10.1_7$ | $4.67_7$ | $4.11_7$ | $12.0_7$ | $Ba_3(P_3O_9)_2.6H_2O$ | 30– 146 | |
| | 10.9x | 3.63x | $5.46_8$ | $3.49_7$ | $2.72_4$ | $2.18_3$ | $4.29_4$ | $5.99_2$ | $Ca_4B_{10}O_{19}.7H_2O$ | 9– 147 | |
| | 10.1x | 3.63x | $2.66_3$ | $2.60_3$ | $2.56_3$ | $1.56_3$ | $2.45_2$ | $2.04_2$ | $KMn_3Si_3AlO_{10}(OH)_2$ | 19– 806 | |
| | | | | | | | | | | | |
| | 10.8x | $3.62_4$ | $3.74_3$ | $3.52_3$ | $2.89_4$ | $4.61_3$ | $3.09_3$ | $2.98_3$ | $LiBiP_2O_7.8H_2O$ | 28– 555 | |
| | 10.0$_8$ | 3.62x | $3.41_9$ | $5.21_8$ | $4.97_8$ | $2.93_6$ | $2.55_6$ | $2.28_6$ | $Ca(UO_2AsO_4)_2.10H_2O$ | 29– 390 | |
| | 10.2x | 3.61x | 3.75x | 6.55$_6$ | $2.07_3$ | $2.15_4$ | $7.01_4$ | $4.96_2$ | $ZrOCl_2.6H_2O$ | 18–1498 | |
| | 13.6x | $3.60_7$ | $6.74_6$ | $3.99_6$ | $3.23_6$ | $3.33_4$ | $6.36_3$ | $4.97_3$ | $(NH_4)_4Ca_3H_6(P_2O_7)_4.3H_2O$ | 22– 31 | |
| o | 10.5x | $3.60_5$ | $2.66_3$ | $4.20_1$ | $4.39_1$ | $4.09_1$ | $7.68_1$ | $4.50_1$ | $Zr(HAsO_4)_2.10H_2O$ | 32–1494 | |
| | | | | | | | | | | | |
| | 10.3x | $3.60_4$ | $3.79_6$ | $7.05_5$ | $11.8_5$ | $3.40_4$ | $6.81_3$ | $5.11_3$ | $ZrOCl_2.4H_2O$ | 18–1497 | |
| i | 10.7x | $3.59_9$ | $5.04_8$ | $3.39_7$ | $1.93_6$ | $6.86_5$ | $2.08_5$ | $1.80_5$ | $Cu(UO_2)_3(AsO_4)_2.16H_2O$ | 4– 90 | |
| i | 10.3x | 3.59x | $5.20_7$ | $2.08_6$ | $1.92_6$ | $4.98_5$ | $3.39_5$ | $1.79_5$ | $Cu(UO_2)_3(AsO_4)_2.12H_2O$ | 17– 150 | |
| | 13.0$_8$ | 3.58x | 3.08x | 2.66x | $11.0_6$ | $6.50_6$ | $5.50_6$ | $4.88_6$ | $C_2H_3CsO_2$ | 28– 272 | |
| | 10.2x | 3.58$_9$ | $5.06_8$ | $3.35_3$ | $6.80_4$ | $2.52_3$ | $2.26_3$ | $1.79_3$ | $Mg(UO_2)_2(AsO_4)_2.8–10H_2O$ | 8– 286 | |
| | | | | | | | | | | | |
| | 10.1$_8$ | 3.58x | $5.04_8$ | $3.36_8$ | $3.29_8$ | $2.12_8$ | $3.19_7$ | $2.81_7$ | $NH_4Sn_2F_5$ | 16– 795 | |
| o | 10.3x | 3.57x | $3.33_9$ | $5.06_8$ | $4.50_6$ | $5.68_5$ | $2.53_5$ | $2.44_5$ | $Mg(NpO_2)_2(AsO_4)_2.10H_2O$ | 28– 622 | |
| | 10.2x | 3.57$_9$ | $5.02_8$ | $3.37_8$ | $3.18_5$ | $2.45_4$ | $7.24_3$ | $2.53_3$ | $Ca–Mg–Pb–Fe–UO_4.xH_2O$ | 15– 444 | |
| i | 10.0x | 3.57x | $5.02_8$ | $1.59_3$ | $3.35_4$ | $1.77_4$ | $2.52_3$ | $2.46_3$ | $Mg(UO_2)_2(AsO_4)_2.10H_2O$ | 17– 148 | |
| | 10.4x | 3.56x | $11.1_8$ | $7.75_8$ | $6.08_5$ | $5.30_8$ | $4.54_8$ | $3.33_8$ | $(N_2H_5)_2UF_6$ | 23– 965 | |
| | | | | | | | | | | | |
| | 11.9$_8$ | 3.54x | 3.42x | $3.47_8$ | $5.73_5$ | $3.70_5$ | $3.32_5$ | $3.11_5$ | $UO_2Cl$ | 22– 970 | |
| i | 10.9x | 3.54x | $3.22_7$ | $5.49_6$ | $5.03_4$ | $4.76_4$ | $4.07_4$ | $2.50_4$ | $Mg(UO_2)_2(AsO_4)_2.12H_2O$ | 17– 147 | |
| o | 10.4x | 3.54$_8$ | $2.79_8$ | $2.66_8$ | $2.58_6$ | $1.77_4$ | $4.09_3$ | $3.76_3$ | $Cs_2(MnFe)_7(TiNb)_2Si_8O_{31}$ | 25– 221 | |
| i | 11.1$_8$ | 3.53x | $5.55_5$ | $3.59_5$ | $1.60_4$ | $1.76_3$ | $3.20_2$ | $2.53_2$ | $Fe(UO_2)_3(AsO_4)_2.12H_2O$ | 17– 145 | |
| | 11.1 | 3.53x | 5.53, | $3.20_4$ | 3.58 | 1.76 | 4.75 | 4.60, | $Co(UO_2)_2(AsO_4)_2.12H_2O$ | 17– 149 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| i | 10.9$_8$ | 3.53x | 3.61$_7$ | 3.06$_7$ | 3.26$_5$ | 6.88$_4$ | 3.43$_4$ | 3.22$_4$ | $K_2Zr(MoO_4)_3$ | 30–1020 | |
| o | 10.4$_9$ | 3.53x | 2.21$_8$ | 4.96$_7$ | 2.03$_7$ | 6.68$_5$ | 4.19$_4$ | 2.75$_4$ | $CaMgB_2O_4Cl_2.7H_2O$ | 27– 72 | |
| | 10.0x | 3.53x | 3.35$_8$ | 5.09$_7$ | 1.60$_7$ | 2.25$_6$ | 1.78$_5$ | 2.50$_4$ | $Ba(UO_2AsO_4)_2.10H_2O$ | 29– 210 | |
| | 11.6$_8$ | 3.52x | 5.77$_8$ | 3.57$_7$ | 4.63$_5$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | $(UO_2)_3(AsO_4)_2.11H_2O$ | 33–1418 | |
| i | 10.6x | 3.52$_5$ | 7.37$_5$ | 6.98$_4$ | 3.34$_3$ | 4.77$_2$ | 3.30$_2$ | 3.17$_2$ | $Na_3MnP_3O_{10}.12H_2O$ | 27– 753 | |
| | 10.5x | 3.52$_8$ | 2.11$_8$ | 8.09$_6$ | 7.68$_6$ | 3.24$_6$ | 8.67$_4$ | 6.21$_4$ | $Al_9Cl_6(OH)_{21}.18H_2O$ | 15– 109 | |
| | 9.82$_8$ | 3.52x | 1.81$_8$ | 1.91$_4$ | 1.54$_4$ | 3.14$_3$ | 2.94$_3$ | 2.84$_3$ | $K_6V_{10}O_{25}(SO_4)_3$ | 27–1033 | |
| | 10.6x | 3.51$_8$ | 2.77$_4$ | 2.64$_3$ | 2.57$_4$ | 9.82$_3$ | 1.76$_3$ | 3.73$_2$ | $K_3(FeMn)_7Ti_2Si_8O_{24}O_3(OH)_4$ | 14– 194 | |
| i | 10.6$_9$ | 3.51x | 2.64$_8$ | 2.12$_4$ | 1.77$_4$ | 2.58$_3$ | 2.87$_4$ | 2.78$_4$ | $(H_3O)_2CaFe_7Ti_2Si_3O_{20}(OH)_{11}$ | 29– 991 | |
| i | 10.5$_9$ | 3.51x | 2.77 | 2.57$_7$ | 3.02$_6$ | 3.26$_5$ | 3.74$_4$ | 2.48$_4$ | $K_3(FeMn)_4Nb_2(SiAl)_8O_{31}$ | 17– 742 | |
| * | 10.5$_8$ | 3.51$_7$ | 1.75$_5$ | 5.26$_3$ | 2.85$_3$ | 2.78$_2$ | 2.93$_2$ | 2.88$_2$ | $KCuPO_4.H_2O$ | 31–1001 | |
| o | 9.87x | 3.51x | 5.03$_8$ | 2.21$_6$ | 4.39$_5$ | 3.26$_3$ | 2.97$_3$ | 2.47$_3$ | $Mg(NpO_2)_2(PO_4)_2.9H_2O$ | 28– 623 | |
| | 12.5x | 3.49$_7$ | 12.0$_6$ | 4.00$_6$ | 3.72$_6$ | 2.93$_4$ | 2.23$_4$ | 4.86$_3$ | $C_4H_4Cl_2O_4Sn$ | 21–1419 | |
| | 10.6x | 3.49x | 3.22$_9$ | 8.04$_8$ | 3.14$_8$ | 3.17$_5$ | 4.50$_4$ | 2.77$_4$ | $H_8(CeMo_{12}O_{42}).18H_2O$ | 28– 453 | |
| | 10.0$_8$ | 3.49x | 8.58$_8$ | 2.89$_6$ | 2.74$_6$ | 2.67$_6$ | 2.06$_6$ | 1.91$_6$ | $5PbO.Al_2O_3.10SiO_2$ | 3– 366 | |
| | 9.85 | 3.49$_9$ | 4.95$_8$ | 2.19$_7$ | 2.45$_6$ | 3.23$_5$ | 2.95$_5$ | 2.39$_5$ | $Mg(UO_2)_2(PO_4)_2.8–10H_2O$ | 8– 313 | |
| i | 14.2x | 3.48$_8$ | 3.43$_8$ | 5.72$_7$ | 2.85$_7$ | 1.94$_7$ | 1.83$_7$ | 7.08$_5$ | $V_{10}O_{24}.12H_2O$ | 25–1006 | |
| | 10.8x | 3.48$_8$ | 5.97$_7$ | 3.63$_7$ | 2.18$_7$ | 2.31$_6$ | 1.94$_5$ | 5.44$_4$ | $Co_4B_{10}O_{19}.7H_2O$ | 10– 463 | |
| | 11.3$_8$ | 3.47x | 2.69x | 3.20$_8$ | 8.02$_6$ | 3.67$_6$ | 5.66$_4$ | 4.71$_4$ | $C_{14}H_{30}CuN_4O_{20}$ | 20–1499 | |
| | 10.3x | 3.47$_7$ | 2.61$_2$ | 3.31$_1$ | 2.09$_1$ | 2.97$_1$ | 4.49$_1$ | 4.30$_1$ | $KBiP_2O_7.H_2O$ | 28– 987 | |
| | 12.2x | 3.46x | 3.93$_6$ | 9.82$_3$ | 7.89$_3$ | 6.25$_3$ | 5.94$_3$ | 3.99$_3$ | $C_{12}H_{18}GeK_2O_{12}$ | 31–1020 | |
| o | 11.6x | 3.46$_2$ | 3.86$_2$ | 2.31$_2$ | 4.29$_1$ | 3.02$_1$ | 2.77$_1$ | 5.56$_1$ | $Ti(HPO_4)_2.2H_2O$ | 31–1401 | |
| i | 10.3x | 3.46$_4$ | 2.87$_3$ | 2.86$_3$ | 2.59$_3$ | 4.13$_2$ | 3.53$_2$ | 3.27$_2$ | $Na_3(NO_3)(SO_4).H_2O$ | 23–1408 | |
| | 14.0x | 3.45$_8$ | 1.53$_8$ | 4.57$_4$ | 3.51$_4$ | 2.62$_4$ | 1.32$_4$ | 2.87$_2$ | $Mg_{11}Al_3FeSi_{11}O_{42}.40H_2O$ | 10– 439 | |
| | 10.3x | 3.45$_8$ | 5.17$_6$ | 3.05$_5$ | 2.59$_4$ | 5.03$_2$ | 2.85$_2$ | 2.60$_2$ | $Na_4B_{10}O_{17}.4H_2O$ | 16– 706 | |
| o | 10.2x | 3.45$_9$ | 2.62$_8$ | 2.08$_7$ | 1.98$_6$ | 1.83$_5$ | 2.77$_4$ | 2.93$_3$ | $KAl_3Fe_4V_6$ $(V_{20}O_{76}).$ $30H_2O$ | 15– 279 | |
| o | 15.5x | 3.44$_9$ | 3.15$_9$ | 3.30$_8$ | 5.17$_3$ | 3.64$_2$ | 1.83$_2$ | 7.77$_2$ | $SiO_2$ | 31–1233 | |
| o | 13.7x | 3.44$_4$ | 4.29$_3$ | 3.09$_2$ | 6.51$_2$ | 3.74$_2$ | 6.28$_2$ | 5.66$_1$ | $Ce_2Ti_4(SO_4)_{11}$ | 32– 206 | |
| | 13.7x | 3.44$_4$ | 4.27$_2$ | 3.09$_2$ | 3.74$_1$ | 9.51$_1$ | 7.56$_1$ | 3.60$_1$ | $Ps_2Ti_4(SO_4)_{11}$ | 33–1081 | |
| o | 13.7x | 3.44$_4$ | 3.09$_3$ | 4.27$_2$ | 3.74$_1$ | 2.75$_1$ | 7.56$_1$ | 3.61$_1$ | $Nd_2Ti_4(SO_4)_{11}$ | 32– 686 | |
| i | 12.3x | 3.44$_2$ | 4.09$_2$ | 2.64$_2$ | 3.08$_1$ | 2.61$_1$ | 4.59$_1$ | 3.36$_1$ | $K_{.5}(MnFe)_4(SiAl)_7O_{14}(OH)_8$ | 21– 57 | |
| | 11.0x | 3.44$_7$ | 8.50$_6$ | 6.80$_4$ | 5.20$_4$ | 3.00$_3$ | 2.63$_3$ | 2.15$_3$ | $Mn_3(PO_4)_2.6H_2O$ | 3– 20 | |
| i | 10.4x | 3.44$_8$ | 2.64$_8$ | 2.58$_6$ | 2.20$_6$ | 1.70$_6$ | 3.72$_5$ | 3.19$_5$ | $Rb(Fe,Fe)_{2-3}FeSi_2O_{10}(OH)_2$ | 23–1398 | |
| o | 10.3x | 3.44$_5$ | 3.26$_3$ | 2.98$_3$ | 5.95$_3$ | 3.11$_2$ | 2.67$_2$ | 3.90$_2$ | $NaCsAlSiO.xH_2O$ | 27–1086 | |
| i | 19.7x | 3.43$_9$ | 3.20$_6$ | 9.93$_5$ | 3.32$_3$ | 4.97$_4$ | 4.69$_3$ | 3.64$_2$ | $NaSi_{11}O_{20-5}(OH)_4.3H_2O$ | 20–1157 | |
| i | 15.6x | 3.43$_8$ | 3.15$_6$ | 3.30$_4$ | 3.54$_2$ | 5.19$_2$ | 4.47$_2$ | 5.01$_1$ | $NaSi_7O_{13}(OH)_3.3H_2O$ | 24– 698 | |
| | 13.6x | 3.43$_8$ | 6.86$_5$ | 4.12$_4$ | 3.66$_3$ | 3.57$_3$ | 4.70$_3$ | 6.13$_1$ | $H_2Si_4O_{12}$ | 20–1051 | |
| * | 11.4$_8$ | 3.43x | 2.88x | 6.01$_8$ | 5.65$_8$ | 5.03$_8$ | 4.69$_8$ | 3.56$_8$ | $K_3(Cr(O_2)_3(CN)_3)$ | 18–1010 | |
| * | 10.3x | 3.43$_8$ | 2.45$_6$ | 2.62$_5$ | 5.13$_3$ | 4.60$_3$ | 4.55$_3$ | 2.19$_2$ | $NH_4Mg_3AlSi_2O_{10}(OH)_2$ | 18– 130 | |
| o | 19.3$_9$ | 3.42x | 3.20$_4$ | 1.83$_3$ | 1.38$_3$ | 9.70$_2$ | 1.41$_2$ | 6.38$_2$ | $SiO_2$ | 31–1234 | |
| i | 14.5x | 3.42$_8$ | 3.14$_4$ | 3.63$_3$ | 3.54$_3$ | 7.31$_2$ | 7.07$_2$ | 5.31$_2$ | $Si_3O_4.H_2O$ | 25–1332 | |
| | 13.2$_8$ | 3.42x | 7.36$_6$ | 3.70$_6$ | 1.85$_6$ | 4.09$_3$ | 4.67$_2$ | 1.80$_2$ | $H_2Si_{14}O_{29}.5.4H_2O$ | 31– 584 | |
| o | 11.0$_8$ | 3.42x | 3.17x | 4.82$_5$ | 3.28$_5$ | 8.97$_5$ | 3.82$_5$ | 4.18$_4$ | $C_4O_8Rb_2Ti.H_2O$ | 32– 960 | |
| | 10.6x | 3.42x | 3.28x | 6.83$_8$ | 3.75$_8$ | 3.14$_8$ | 2.65$_8$ | 2.87$_6$ | $KNb_3O_8$ | 21–1294 | |
| * | 10.2x | 3.42$_8$ | 3.40$_8$ | 3.05$_7$ | 5.09$_6$ | 7.99$_5$ | 3.12$_4$ | 3.01$_3$ | $C_6H_{16}ClCsN_2S_4$ | 20–1484 | |
| * | 10.1x | 3.42$_8$ | 3.04$_7$ | 3.39$_7$ | 2.32$_4$ | 8.01$_3$ | 2.97$_3$ | 2.96$_3$ | $C_6H_{16}ClN_2RbS_4$ | 20–1491 | |
| o | 16.4x | 3.41x | 1.83$_8$ | 8.12$_4$ | 7.11$_4$ | 3.15$_4$ | 6.11$_2$ | 5.37$_2$ | $SiO_2.0.04H_2O$ | 32– 994 | |
| i | 13.8x | 3.41$_6$ | 2.81$_3$ | 6.86$_4$ | 2.78$_4$ | 7.44$_4$ | 5.57$_4$ | 4.29$_3$ | $H_6K_2Al_3(PO_4)_{10}.13H_2O$ | 29– 980 | |
| i | 13.2$_6$ | 3.41x | 7.34$_6$ | 3.70$_5$ | 1.86$_5$ | 4.09$_3$ | 3.13$_3$ | 4.67$_2$ | $H_2Si_{14}O_{29}.5.4H_2O$ | 29– 668 | |
| o | 12.7$_8$ | 3.41x | 3.35x | 2.08x | 1.78x | 2.61x | 7.15$_9$ | 3.04$_9$ | $C_4H_4O_4Pb.2PbO.H_2O$ | 18–1740 | |
| i | 10.2x | 3.40$_6$ | 5.09$_4$ | 2.55$_4$ | 1.70$_2$ | 2.65$_1$ | 2.46$_1$ | 2.03$_1$ | $K(ZnMnFe)_3(SiAl)_4O_{10}(OH)_2$ | 19– 544 | |
| i | 10.2x | 3.40$_6$ | 2.63$_3$ | 2.45$_2$ | 2.55$_1$ | 1.54$_1$ | 5.09$_1$ | 3.42$_1$ | $KCo_3AlSi_3O_{10}(OH)_2$ | 24– 843 | |
| i | 10.2x | 3.40x | 2.62$_6$ | 5.11$_5$ | 2.65$_5$ | 4.61$_3$ | 2.94$_3$ | 4.57$_3$ | $KMg_3GaSi_3O_{10}(OH)_2$ | 24– 870 | |
| | 13.8x | 3.39x | 7.35$_7$ | 5.46$_7$ | 2.90$_7$ | 6.79$_5$ | 4.14$_5$ | 3.13$_5$ | $K_2Al_2P_2O_{10}.10H_2O$ | 31– 962 | |
| o | 11.8x | 3.39$_7$ | 2.01$_7$ | 4.31$_4$ | 3.89$_4$ | 3.54$_4$ | 2.97$_4$ | 1.49$_4$ | $KH_{0.67}C_8$ | 18–1019 | |
| i | 11.3$_8$ | 3.39x | 2.98$_8$ | 2.85$_8$ | 2.11$_8$ | 2.06$_8$ | 1.79$_8$ | 1.73$_8$ | $PbSnF_4$ | 22– 400 | |
| * | 10.2x | 3.39$_7$ | 2.67$_5$ | 1.57$_2$ | 2.48$_2$ | 4.66$_1$ | 3.46$_1$ | 2.21$_1$ | $KFe_3(FeSi_3)O_{10}(OH)_2$ | 16– 169 | |
| i | 10.2x | 3.39x | 2.62$_9$ | 2.44$_5$ | 1.53$_4$ | 2.18$_4$ | 2.03$_4$ | 2.64$_3$ | $KMg_3(Si_3AlO_{10})(OH)_2$ | 24– 867 | |
| i | 10.2x | 3.39$_8$ | 2.03$_3$ | 5.09$_3$ | 2.54$_2$ | 2.64$_2$ | 3.42$_1$ | 3.17$_1$ | $KMg_2FeSi_3O_{10}(OH)_2$ | 24– 862 | |
| | 11.8x | 3.38$_7$ | 3.28$_7$ | 1.44$_7$ | 4.44$_6$ | 2.92$_4$ | 0.91$_3$ | 5.85$_4$ | $Mg_5(CO_3)_4(OH)_2.5H_2O$ | 29– 858 | |
| i | 10.3x | 3.38$_8$ | 2.65$_7$ | 2.47$_4$ | 1.56$_4$ | 2.20$_3$ | 1.69$_2$ | 3.18$_2$ | $KFe_3AlSi_3O_{10}(OH)_2$ | 14– 233 | |
| i | 10.2$_8$ | 3.38x | 3.29x | 8.75$_6$ | 3.12$_3$ | 2.92$_3$ | 2.69$_4$ | 3.99$_2$ | $Rb_2Th(MoO_4)_3$ | 30–1092 | |
| i | 10.2x | 3.38$_6$ | 2.62$_4$ | 2.73$_3$ | 3.68$_2$ | 2.03$_2$ | 1.54$_2$ | 4.56$_1$ | $KCu_3AlSi_3O_{10}(OH)_2$ | 24– 844 | |
| i | 10.1x | 3.38$_9$ | 5.07$_3$ | 2.03$_2$ | 2.63$_2$ | 4.58$_1$ | 4.55$_1$ | 2.77$_1$ | $KMg_3BSi_3O_{10}(OH)_2$ | 24– 868 | |
| i | 10.1x | 3.38$_3$ | 2.61$_2$ | 2.43$_2$ | 1.53$_1$ | 2.53$_1$ | 2.17$_1$ | 5.07$_1$ | $KNi_3AlSi_3O_{10}(OH)_2$ | 24– 885 | |
| | 10.1$_8$ | 3.38x | 2.55$_9$ | 1.46$_7$ | 3.80$_6$ | 3.08$_5$ | 2.76$_5$ | 1.82$_5$ | $(Na,K)_4(Fe,Mg)_7Ti_2Si_8O_{31}$ | 29–1042 | |
| i | 17.0x | 3.37$_8$ | 1.54$_7$ | 8.50$_5$ | 4.58$_5$ | 5.69$_4$ | 2.58$_4$ | 2.81$_3$ | $Na_{.3}Mg_3(SiAl)_4O_{10}OH_2.xH_2O$ | 12– 168 | |
| * | 10.2x | 3.37x | 2.64$_8$ | 2.46$_5$ | 2.19$_4$ | 1.55$_4$ | 3.42$_3$ | 2.94$_2$ | $K_2(Fe_2Al)Si_2Al_2O_{20}(OH)_4$ | 26– 909 | |
| | 10.1x | 3.37x | 2.66$_8$ | 2.45$_6$ | 2.18$_5$ | 2.00$_5$ | 1.67$_5$ | 1.54$_5$ | $K(Fe,Mg)_2AlSi_3O_{10}(OH)_2$ | 2– 45 | |
| | 13.1x | 3.36$_8$ | 2.93$_8$ | 7.73$_6$ | 4.45$_6$ | 3.88$_6$ | 5.89$_4$ | 4.68$_4$ | $CaH_2P_2O_8$ | 28– 264 | |
| o | 11.6x | 3.36x | 3.64$_7$ | 2.98$_7$ | 8.90$_4$ | 8.30$_4$ | 5.77$_4$ | 3.15$_4$ | $C_{32}Hf_2O_{32}(SO_4)_2.6H_2O$ | 32– 234 | |
| i | 11.0x | 3.36x | 3.22x | 3.04$_4$ | 2.19$_3$ | 2.08$_3$ | 1.98$_3$ | 5.11$_2$ | $CsPr(WO_4)_2.H_2O$ | 27– 119 | |
| o | 10.8x | 3.36$_8$ | 2.44$_6$ | 6.20$_4$ | 2.58$_4$ | 2.06$_4$ | 5.40$_3$ | 4.79$_2$ | $Co_3(AsO_4)_2.10H_2O$ | 17– 163 | |
| * | 10.1x | 3.36x | 4.49$_9$ | 2.57$_9$ | 3.66$_8$ | 3.07$_5$ | 2.58$_5$ | 5.04$_4$ | $KAl_2Si_3AlO_{10}(OH)_2$ | 7– 25 | |
| i | 10.1$_9$ | 3.36$_9$ | 2.62$_9$ | 2.02$_7$ | 1.54$_5$ | 2.18$_5$ | 1.68$_5$ | 3.28$_4$ | $KMg_3(Si_3AlO_{10})(OH)_2$ | 10– 493 | |
| * | 9.99x | 3.36$_9$ | 3.52$_7$ | 2.93$_6$ | 2.93$_5$ | 2.59$_3$ | 8.47$_3$ | 5.03$_3$ | $C_6H_{28}CsFN_6O_2S_4$ | 20–1485 | |
| | 13.5x | 3.35$_3$ | 2.90$_2$ | 2.10$_1$ | 1.87$_1$ | 1.70$_1$ | 2.72$_1$ | 1.97$_1$ | $C_6H_9BiO_6$ | 14– 726 | |
| | 11.2x | 3.35$_3$ | 3.73$_2$ | 2.70$_1$ | 4.09$_1$ | 5.60$_1$ | 3.83$_1$ | 0.00$_1$ | $CsLiZr(PO_4)_2.4H_2O$ | 33– 359 | |
| | 10.6x | 3.35x | 3.26x | 2.89$_7$ | 2.13$_5$ | 3.01$_4$ | 1.76$_4$ | 1.75$_4$ | $RbPr(MoO_4)_2$ | 32– 940 | |
| i | 10.1$_9$ | 3.35$_9$ | 2.01$_9$ | 2.51$_5$ | 3.41$_5$ | 1.67$_4$ | 2.62$_3$ | 5.02$_3$ | $KMg_3(Si_3AlO_{10})(OH)_2$ | 10– 492 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 10.0$_8$ | 3.35x | 2.60x | 1.99x | 5.03$_8$ | 3.63$_8$ | 3.10$_8$ | 2.90$_8$ | $KAl_2(Si_3AlO_{10})(OH)_2$ | 31– 968 | |
| i | 9.94$_8$ | 3.35$_8$ | 2.61$_3$ | 2.01$_3$ | 3.39$_2$ | 2.51$_2$ | 2.43$_2$ | 2.17 | $KMg_3(Si_3AlO_{10})(OH)_2$ | 10– 495 | |
| | 12.4x | 3.34$_3$ | 6.19$_1$ | 4.12$_1$ | 3.09$_1$ | 2.79$_1$ | 2.46$_1$ | 2.93$_1$ | $Cu_6Al_2Si_{10}O_{29}.5H_2O$ | 11– 312 | |
| | 12.2x | 3.34x | 3.95$_6$ | 3.16$_6$ | 9.82$_3$ | 6.23$_3$ | 6.00$_3$ | 3.77$_3$ | $C_{12}H_{18}K_2O_{12}Si$ | 31–1078 | |
| o | 11.9x | 3.34$_6$ | 3.72$_3$ | 2.67$_2$ | 4.46$_1$ | 3.00$_1$ | 2.24$_1$ | 1.58$_1$ | $(Mg,Fe)_4Si_6O_{15}(OH)_2.6H_2O$ | 29– 863 | |
| | 10.1x | 3.34$_9$ | 2.81$_2$ | 5.09$_1$ | 2.13$_1$ | 2.13$_1$ | 4.68$_1$ | 3.73$_1$ | $C_4HCl_2O_4Rb$ | 30–1062 | |
| i | 10.0$_9$ | 3.34x | 5.02$_8$ | 2.01$_5$ | 2.99$_2$ | 4.48$_2$ | 3.20$_2$ | 4.44$_1$ | $(K,H_3O)Al_2Si_3AlO_{10}(OH)_2$ | 26– 911 | |
| i | 10.0$_8$ | 3.34x | 4.99$_8$ | 3.62$_8$ | 3.08$_8$ | 2.58$_8$ | 1.99$_6$ | 2.68$_5$ | $K(Li,Al)_3(Si,Al)_4O_{10}(OH)_2$ | 10– 485 | |
| o | 17.6x | 3.33x | 8.65$_8$ | 7.85$_7$ | 12.2$_6$ | 7.44$_6$ | 2.37$_6$ | 4.25$_4$ | $(Al,Fe)_3AsO_4(OH)_6.5H_2O$ | 11– 146 | |
| i | 16.2x | 3.33$_8$ | 2.97$_8$ | 2.09$_6$ | 2.75$_5$ | 3.66$_4$ | 1.95$_4$ | 3.21$_2$ | $Pb_{0.4}Nb_{0.6}O_{1.4}F_{1.0}$ | 33– 766 | |
| | 10.4x | 3.33$_8$ | 2.59$_8$ | 2.42$_6$ | 2.23$_6$ | 1.90$_6$ | 1.87$_4$ | 1.80$_6$ | $2FeOCl.NH_3$ | 21– 420 | |
| * | 9.97x | 3.33x | 4.99$_6$ | 2.00$_5$ | 2.56$_3$ | 4.49$_2$ | 4.46$_2$ | 2.88$_2$ | $KAl_2(Si_3Al)O_{10}(OH)_2$ | 7– 42 | |
| * | 9.96x | 3.33$_7$ | 2.00$_2$ | 3.38$_1$ | 3.13$_1$ | 2.90$_1$ | 4.99$_1$ | 4.59$_1$ | $KMg_3(Si_3AlO_{10})F_2$ | 16– 344 | |
| i | 9.95$_9$ | 3.33x | 4.98$_4$ | 2.40$_4$ | 3.11$_3$ | 2.00$_3$ | 4.51$_3$ | 4.48$_3$ | $K_{0.4}(Mg,Li)_3Si_4O_{10}F_2$ | 31–1045 | |
| i | 9.93x | 3.33x | 2.61$_8$ | 4.89$_6$ | 4.55$_6$ | 3.57$_6$ | 1.99$_6$ | 3.88$_4$ | $K(Li,Al)_3(Si,Al)_4O_{10}(OH)_2$ | 10– 483 | |
| o | 12.2x | 3.32x | 5.81$_8$ | 4.71$_6$ | 4.61$_6$ | 4.27$_6$ | 4.06$_6$ | 3.44$_6$ | $\gamma$–$CaZr(PO_4)_2$ | 30– 461 | |
| o | 11.5x | 3.32$_7$ | 2.96$_5$ | 3.09$_4$ | 5.70$_3$ | 3.67$_3$ | 3.79$_2$ | 3.43$_2$ | $Rb_2Hf_2O_2(SO_4)_2.6H_2O$ | 32– 916 | |
| i | 10.5x | 3.32$_4$ | 2.60$_3$ | 3.47$_2$ | 2.87$_1$ | 5.64$_1$ | 5.12$_1$ | 2.40$_1$ | $Sr_2B_{11}O_{16}(OH)_5.H_2O$ | 12– 712 | |
| i | 10.4x | 3.32x | 2.59x | 3.45$_8$ | 2.84$_8$ | 1.79$_8$ | 1.75$_8$ | 4.09$_6$ | $Sr_2B_{11}O_{16}(OH)_5.H_2O$ | 30–1284 | |
| * | 9.95x | 3.32x | 2.57$_6$ | 1.99$_5$ | 2.99$_4$ | 4.97$_3$ | 3.19$_3$ | 1.50$_3$ | $KAl_2(Si_3Al)O_{10}(OH,F)_2$ | 6– 263 | |
| i | 9.87$_8$ | 3.32x | 3.24x | 3.04$_7$ | 8.48$_6$ | 2.83$_6$ | 2.68$_6$ | 3.93$_5$ | $K_2Th(MoO_4)_3$ | 32– 856 | |
| i | 10.4x | 3.31$_6$ | 2.59$_5$ | 5.64$_2$ | 3.46$_2$ | 3.38$_2$ | 2.85$_2$ | 5.10$_1$ | $Sr_2B_{11}O_{16}(OH)_5.H_2O$ | 13– 154 | |
| i | 10.2x | 3.31$_8$ | 4.61$_7$ | 2.64$_6$ | 2.54$_6$ | 2.50$_6$ | 2.34$_6$ | 1.55$_6$ | $NaMg_3AlSi_3O_{10}(OH)_2$ | 27– 731 | |
| i | 9.94$_8$ | 3.31x | 2.59x | 1.98x | 4.98$_8$ | 3.16$_8$ | 1.50$_8$ | 2.90$_6$ | $K(Li,Al)_3(Si,Al)_4O_{10}(OH)_2$ | 15– 62 | |
| | 13.5x | 3.30$_9$ | 5.94$_4$ | 3.21$_3$ | 6.33$_2$ | 4.74$_1$ | 2.86$_1$ | 2.12$_1$ | $LiZrH(PO_4)_2.xH_2O$ | 33– 842 | |
| | 10.5x | 3.30$_9$ | 2.62$_3$ | 2.51$_2$ | 4.41$_2$ | 3.68$_2$ | 2.53$_2$ | 1.56$_2$ | $Mn_5Si_8O_{20}(OH)_2(OH_2)_4.4–5H_2O$ | 27– 312 | |
| o | 10.3x | 3.30x | 9.25$_8$ | 7.70$_8$ | 6.64$_8$ | 6.57$_8$ | 4.81$_8$ | 4.63$_8$ | $BaMo_3O_{10}.3H_2O$ | 32– 76 | |
| i | 9.90x | 3.30$_7$ | 2.58$_4$ | 3.62$_3$ | 3.09$_3$ | 2.40$_3$ | 1.98$_3$ | 4.51$_2$ | $K(Li,Al,Fe)_3Si_4O_{10}(F,OH)_2$ | 14– 565 | |
| | 9.83x | 3.30$_7$ | 4.96$_4$ | 5.83$_2$ | 3.00$_2$ | 2.89$_2$ | 3.56$_2$ | 4.08$_1$ | $(NH_4)_2Ca(SO_4)_2.H_2O$ | 11– 475 | |
| o | 15.8x | 3.29$_1$ | 4.51$_1$ | 4.81$_1$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | $Al_{12}(SO_4)_3(OH)_{26}$ | 29– 88 | |
| | 11.6x | 3.29$_8$ | 2.66$_4$ | 6.25$_2$ | 3.23$_2$ | 5.13$_2$ | 3.92$_2$ | 2.48$_2$ | $NaZrH(PO_4)_2.xH_2O$ | 33–1311 | |
| * | 9.80$_8$ | 3.29x | 1.98$_6$ | 3.09$_4$ | 3.34$_4$ | 2.89$_3$ | 2.59$_3$ | 3.63$_3$ | $K(Li,Fe)_2Si_4O_{10}(OH)_2$ | 13– 227 | |
| i | 9.91x | 3.28$_9$ | 4.95$_8$ | 6.57$_7$ | 2.88$_6$ | 4.02$_3$ | 3.93$_3$ | 3.12$_3$ | $MnFe_2(PO_4)_2(OH)_2.8H_2O$ | 14– 246 | |
| i | 9.80x | 3.28$_4$ | 3.23$_4$ | 3.78$_3$ | 3.33$_3$ | 3.20$_3$ | 2.43$_3$ | 3.62$_2$ | $C_4H_6CaO_4.H_2O$ | 30– 221 | |
| | 9.80x | 3.28$_4$ | 3.23$_4$ | 3.78$_3$ | 3.33$_3$ | 3.20$_3$ | 2.43$_3$ | 3.62$_2$ | $C_4H_6CaO_4.H_2O$ | 19– 200 | |
| | 13.6x | 3.27x | 3.24x | 3.18$_7$ | 2.85$_7$ | 4.92$_6$ | 3.88$_6$ | 6.77$_4$ | $K_4U(WO_4)_4$ | 31–1121 | |
| | 12.1x | 3.27$_3$ | 3.49$_1$ | 3.67$_1$ | 3.36$_1$ | 3.14$_1$ | 3.10$_1$ | 3.01$_1$ | $Ba_{0.5}HPO_3NH_3.H_2O$ | 18– 170 | |
| | 11.8x | 3.27$_4$ | 3.91$_3$ | 3.93$_3$ | 5.95$_2$ | 4.34$_2$ | 3.71$_2$ | 3.06$_2$ | $\alpha NaZrH(PO_4)_2.5H_2O$ | 24–1175 | |
| | 10.3x | 3.27$_7$ | 3.19$_6$ | 3.17$_6$ | 2.80$_6$ | 2.06$_6$ | 2.93$_4$ | 2.65$_2$ | $KGdMo_2O_8$ | 32– 785 | |
| i | 10.2x | 3.27x | 3.21x | 3.18x | 3.15x | 2.91$_8$ | 2.63$_8$ | 2.79$_7$ | $KTbMo_2O_8$ | 24– 898 | |
| | 9.87x | 3.27$_8$ | 2.79$_8$ | 4.46$_6$ | 3.73$_6$ | 2.26$_6$ | 2.10$_6$ | 6.54$_4$ | $C_2Ca_2Cl_2O_4.7H_2O$ | 14– 767 | |
| * | 10.3x | 3.26x | 5.16$_9$ | 7.28$_8$ | 3.44$_8$ | 2.50$_6$ | 2.06$_4$ | 4.61$_4$ | $C_4H_{16}N_4O_3S_4Th$ | 20–1498 | |
| i | 10.1x | 3.26$_8$ | 3.93$_6$ | 3.36$_4$ | 2.64$_4$ | 5.96$_3$ | 5.04$_3$ | 2.79$_3$ | $CaPb_3Al_2Si_{10}O_{24}(OH)_6$ | 21– 148 | |
| | 17.9x | 3.22$_1$ | 4.61$_1$ | 4.58$_1$ | 4.56$_1$ | 3.55$_1$ | 9.50$_1$ | 4.82$_1$ | $Al_{12}(SO_4)_3(OH)_{26}.20H_2O$ | 29– 90 | |
| | 15.4$_9$ | 3.22x | 3.29$_8$ | 6.02$_2$ | 2.78$_2$ | 3.95$_2$ | 3.37$_1$ | 5.24$_1$ | $Rb_2Zr(PO_4)_2.xH_2O$ | 33–1142 | |
| | 10.6x | 3.22x | 3.49x | 8.06$_9$ | 3.15$_8$ | 3.16$_5$ | 2.76$_3$ | 2.48$_3$ | $UMo_{12}H_8O_{42}.18H_2O$ | 28– 459 | |
| | 10.4x | 3.22$_6$ | 3.08$_5$ | 3.01$_4$ | 1.94$_3$ | 2.52$_2$ | 4.09$_2$ | 2.59$_2$ | $RbYbMo_2O_8.H_2O$ | 28– 985 | |
| | 12.7x | 3.21x | 3.27$_3$ | 3.97$_4$ | 3.74$_4$ | 3.06$_4$ | 2.13$_4$ | 3.79$_4$ | $RbBiP_2O_7.H_2O$ | 28– 881 | |
| | 10.6x | 3.21x | 3.48$_9$ | 3.12$_8$ | 8.03$_6$ | 3.17$_5$ | 2.76$_5$ | 4.50$_5$ | $H_8(ThMo_{12}O_{42}).18H_2O$ | 28– 458 | |
| i | 10.5x | 3.21x | 3.07$_7$ | 3.01$_7$ | 3.12$_5$ | 4.09$_3$ | 2.52$_3$ | 4.20$_2$ | $RbTmMo_2O_8.H_2O$ | 24– 975 | |
| | 9.83x | 3.21$_8$ | 2.91$_8$ | 1.97$_8$ | 3.43$_6$ | 3.33$_6$ | 3.12$_6$ | 2.73$_6$ | $\beta$–$Rb_4Ta_6O_{17}$ | 33–1128 | |
| | 13.3x | 3.20x | 3.04x | 3.82$_8$ | 2.81$_8$ | 2.64$_7$ | 2.30$_7$ | 2.54$_6$ | $BaO–Al_2O_3–SiO_2–BaBr_2–H_2O$ | 10– 7 | |
| | 11.4$_8$ | 3.20x | 3.56$_6$ | 3.47$_6$ | 5.79$_4$ | 2.91$_4$ | 2.69$_4$ | 2.33$_4$ | $Sc(IO_3)_3.2H_2O$ | 28–1008 | |
| i | 16.0x | 3.19$_4$ | 3.92$_4$ | 2.91$_4$ | 3.48$_3$ | 4.61$_3$ | 3.07$_3$ | 7.56$_2$ | $K_3NaAl_3Si_9O_{24}.7H_2O$ | 22– 773 | |
| i | 13.3x | 3.19x | 3.02x | 3.79$_9$ | 2.81$_9$ | 2.63$_9$ | 2.54$_9$ | 9.36$_8$ | $Ba_2Al_2Si_4O_{13}Br_2.2H_2O$ | 24–1431 | |
| i | 11.0$_9$ | 3.19x | 3.37$_9$ | 3.06$_9$ | 5.53$_8$ | 3.70$_8$ | 2.78$_6$ | 2.56$_6$ | $U(MoO_4)_2$ | 18–1425 | |
| o | 10.2x | 3.19$_8$ | 3.95$_6$ | 3.08$_6$ | 5.90$_4$ | 2.95$_4$ | 2.86$_4$ | 2.67$_4$ | $Cu_5As_4O_{15}.9H_2O$ | 11– 166 | |
| | 13.8x | 3.18$_7$ | 4.86$_6$ | 3.38$_6$ | 3.27$_5$ | 3.88$_3$ | 3.01$_3$ | 2.94$_3$ | $\alpha$–$Ni(IO_3)_2.4H_2O$ | 28– 703 | |
| i | 13.5x | 3.18$_8$ | 9.20$_6$ | 3.78$_6$ | 3.06$_4$ | 2.92$_3$ | 4.84$_4$ | 4.44$_3$ | $(Ca,Mg)_3(AsO_4)_2.6H_2O$ | 14– 222 | |
| i | 11.0$_8$ | 3.18x | 3.08$_8$ | 3.05$_7$ | 3.62$_5$ | 3.34$_3$ | 3.26$_3$ | 2.18$_3$ | $Ba_3Fe_2O_8$ | 29– 172 | |
| | 12.4$_9$ | 3.17x | 3.15x | 12.4$_9$ | 5.46$_9$ | 7.03$_8$ | 6.36$_8$ | 3.28$_8$ | $(NaCa)_2Nb_2Si_2O_{10}(OH)_2.H_2O$ | 33– 608 | |
| | 12.4$_9$ | 3.17x | 3.15x | 12.4$_9$ | 5.46$_9$ | 7.03$_8$ | 6.36$_8$ | 3.28$_8$ | $(NaCa)_2Nb_2Si_2O_{10}(OH)_2.H_2O$ | 33– 608 | |
| | 10.3x | 3.17$_3$ | 2.23$_2$ | 6.34$_2$ | 4.47$_1$ | 2.58$_1$ | 5.38$_1$ | 2.54$_1$ | $MgAlSi_4O_{10}(OH).4H_2O$ | 29– 855 | |
| o | 9.97x | 3.17x | 1.84x | 1.44x | 2.60$_4$ | 0.00$_1$ | 0.00$_1$ | 0.00$_1$ | $Al_{17}O_{16}Br_3(OH)_{18}$ | 20– 39 | |
| | 22.0$_9$ | 3.16x | 3.10$_9$ | 11.1$_7$ | 4.20$_7$ | 2.83$_7$ | 1.83$_6$ | 3.72$_5$ | $Ca_4(Si_6O_{15})(OH)_2.3H_2O$ | 12– 217 | |
| | 11.6x | 3.16$_7$ | 3.42$_3$ | 2.90$_3$ | 2.76$_3$ | 7.40$_2$ | 5.50$_2$ | 2.39$_2$ | $K_2Al_2P_2O_9.4H_2O$ | 31– 964 | |
| o | 10.6$_8$ | 3.16x | 6.07$_8$ | 5.58$_8$ | 4.59$_8$ | 4.30$_8$ | 4.21$_8$ | 3.53$_8$ | $BaAl_2Si_8O_{20}.xH_2O$ | 19– 93 | |
| c | 9.94x | 3.16x | 6.40$_5$ | 5.01$_5$ | 2.70$_5$ | 5.87$_4$ | 5.75$_4$ | 2.87$_4$ | $Ni_2P_4O_{12}.10H_2O$ | 31– 909 | |
| i | 12.0$_9$ | 3.15x | 5.00$_9$ | 3.39$_7$ | 2.86$_6$ | 4.11$_5$ | 3.21$_5$ | 2.10$_5$ | $CaFe_{12}(PO_4)_8(OH)_{12}.4H_2O$ | 22–1143 | |
| | 10.5x | 3.15$_3$ | 3.05$_3$ | 3.93$_1$ | 2.54$_1$ | 2.15$_1$ | 2.03$_1$ | 3.50$_1$ | $Ce(LiAsO_4)_2.2H_2O$ | 24– 226 | |
| | 10.1x | 3.15$_4$ | 4.99$_4$ | 3.06$_4$ | 3.01$_4$ | 2.62$_4$ | 2.50$_4$ | 2.30$_4$ | $CH_3CuO_2$ | 28– 392 | |
| i | 12.5x | 3.14$_3$ | 2.70$_1$ | 3.46$_1$ | 2.98$_1$ | 2.60$_1$ | 2.47$_1$ | 5.12$_1$ | $(Na,K)Mn_3(Si,Al)_6O_{13}(OH)_9$ | 21– 359 | |
| i | 11.5$_8$ | 3.14x | 2.84x | 2.29$_8$ | 4.08$_7$ | 3.65$_7$ | 3.49$_7$ | 2.98$_7$ | $Na_2BaSi_2O_6$ | 27– 646 | |
| o | 11.3x | 3.14x | 5.68$_8$ | 4.33$_8$ | 3.09$_8$ | 2.61$_8$ | 2.75$_7$ | 5.43$_6$ | $KNb_{0.25}Ta_{0.75}O_3$ | 32– 823 | |
| | 10.7x | 3.14x | 2.03$_8$ | 3.58$_6$ | 2.01$_4$ | 1.53$_4$ | 4.66$_2$ | 3.43$_2$ | $Ca_{1.5}HP_2O_7.2H_2O$ | 12– 28 | |
| | 13.6x | 3.13$_8$ | 4.46$_7$ | 2.56$_7$ | 5.16$_1$ | 1.50$_1$ | 1.69$_1$ | 0.00$_1$ | $Na_{.3}(AlMg)_2Si_4O_{10}OH_2.xH_2O$ | 29–1498 | |
| | 10.6x | 3.13x | 9.48$_8$ | 7.96$_8$ | 6.75$_8$ | 3.71$_8$ | 3.33$_8$ | 5.49$_6$ | $BaMo_3O_{10}$ | 20– 138 | |
| i | 22.0x | 3.12x | 11.0$_8$ | 4.20$_8$ | 1.82$_8$ | 3.65$_6$ | 2.80$_6$ | 8.40$_4$ | $Ca_4(Si_6O_{15})(OH)_2.3H_2O$ | 9– 449 | |
| o | 11.4$_8$ | 3.12x | 4.58$_8$ | 4.52$_8$ | 3.51$_8$ | 3.45$_8$ | 4.02$_6$ | 3.91$_6$ | $BaO.Al_2O_3.8SiO_2.H_2O$ | 19– 92 | |
| o | 10.3x | 3.12x | 2.15x | 2.13x | 5.41$_6$ | 1.45$_6$ | 3.29$_2$ | 2.09$_2$ | $LiUO_2H(SeO_3)_2$ | 16– 625 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * | 9.84x | 3.12x | 6.98$_9$ | 4.93$_9$ | 3.29$_5$ | 3.02$_5$ | 2.21$_3$ | 2.47$_2$ | $C_4H_{16}BrN_8S_4Tl$ | 20–1494 | |
| | 12.8$_9$ | 3.11x | 3.70$_9$ | 2.60$_7$ | 1.84$_4$ | 1.59$_3$ | 2.26$_3$ | 2.24$_3$ | $Pb_2FeTeAlSi_3O_{13}(OH)_2.H_2O$ | 33– 730 | |
| | 10.5$_8$ | 3.11x | 3.03$_9$ | 2.62$_9$ | 7.92$_8$ | 6.39$_8$ | 4.02$_8$ | 3.49$_8$ | $NaAlH_3(AsO_4)_2.H_2O$ | 31–1259 | |
| | 9.93x | 3.11$_7$ | 2.60$_7$ | 4.22$_2$ | 3.46$_2$ | 3.81$_2$ | 2.77$_1$ | 2.66$_1$ | $Na_2Zr(AsO_4)_2.3H_2O$ | 33–1309 | |
| | 12.5x | 3.10x | 3.62$_9$ | 6.22$_5$ | 4.01$_5$ | 2.89$_4$ | 3.37$_3$ | 7.62$_2$ | $K_2Mo_7O_{22}$ | 21– 670 | |
| o | 13.7x | 3.09$_6$ | 3.44$_5$ | 4.29$_4$ | 3.75$_3$ | 7.56$_2$ | 3.62$_2$ | 3.20$_1$ | $La_2Ti_4(SO_4)_{11}$ | 32– 494 | |
| | 11.7$_8$ | 3.09x | 3.90$_9$ | 2.89$_9$ | 3.30$_7$ | 3.04$_7$ | 2.84$_7$ | 5.86$_5$ | $NaCaAsO_4.3H_2O$ | 28–1058 | |
| o | 11.0x | 3.09$_9$ | 3.38$_8$ | 1.49$_8$ | 3.23$_7$ | 2.82$_4$ | 1.54$_6$ | 5.58$_5$ | $H_3(PW_{10}V_2O_{40}).30H_2O$ | 24– 493 | |
| | 14.0x | 3.08$_7$ | 3.00$_5$ | 1.84$_4$ | 2.81$_3$ | 5.50$_3$ | 2.80$_1$ | 2.72$_1$ | $Ca_3Si_4O_{16}(OH)_2.8H_2O$ | 29– 331 | |
| * | 11.7x | 3.08$_9$ | 3.12$_7$ | 4.86$_4$ | 3.32$_4$ | 4.03$_3$ | 2.04$_3$ | 1.67$_3$ | $Na_2Fe_2Al_{10}(PO_4)_8OH_{12}.4H_2O$ | 29–1190 | |
| * | 11.3$_8$ | 3.08x | 2.98$_7$ | 2.82$_4$ | 1.84$_4$ | 5.48$_3$ | 3.53$_2$ | 2.00$_2$ | $Ca_3(OH)_2Si_6O_{16}.4H_2O$ | 19–1364 | |
| i | 10.7x | 3.08$_7$ | 2.83$_7$ | 3.72$_6$ | 3.56$_6$ | 2.37$_5$ | 6.18$_3$ | 2.67$_3$ | $K(Cu_2(CO_3)_2(OH)).4H_2O$ | 28– 746 | |
| i | 10.4x | 3.08$_8$ | 5.17$_7$ | 3.40$_5$ | 3.47$_4$ | 8.00$_2$ | 2.95$_2$ | 2.66$_2$ | $Al_2(UO_2)_3(PO_4)_2(OH)_6.10H_2O$ | 33– 38 | |
| o | 10.0$_8$ | 3.08x | 3.62$_8$ | 2.75$_8$ | 3.38$_6$ | 2.66$_6$ | 2.55$_6$ | 3.27$_4$ | $CHBiO_3$ | 14– 786 | |
| | 9.92x | 3.08x | 2.99x | 2.01x | 2.90$_8$ | 1.89$_8$ | 3.39$_5$ | 2.82$_5$ | $In_2Br_3$ | 14– 391 | |
| | 15.5x | 3.07$_1$ | 4.57$_1$ | 5.11$_1$ | 1.53$_1$ | 2.61$_1$ | 7.73$_1$ | 3.83$_1$ | $Ca_{.2}Mg_3(SiAl)_4O_{10}OH_2.xH_2O$ | 29–1491 | |
| o | 13.2x | 3.07$_8$ | 5.82$_6$ | 4.33$_4$ | 3.23$_3$ | 7.49$_1$ | 3.93$_1$ | 3.45$_1$ | $NH_4MgHFPO_4$ | 22– 56 | |
| i | 10.5$_8$ | 3.07x | 6.04$_8$ | 5.48$_8$ | 4.40$_8$ | 4.06$_8$ | 3.37$_8$ | 2.90$_8$ | $Na_3VO_4.12H_2O$ | 25–1292 | |
| i | 10.3$_8$ | 3.07x | 7.35$_9$ | 6.85$_7$ | 4.00$_6$ | 3.40$_6$ | 2.66$_6$ | 3.25$_5$ | $KFe(SO_4)_2.4H_2O$ | 11– 428 | |
| | 10.1x | 3.07$_5$ | 3.09$_3$ | 3.17$_3$ | 3.92$_1$ | 2.59$_1$ | 2.54$_1$ | 2.03$_1$ | $Ce(HAsO_4)_2.2H_2O$ | 24– 224 | |
| o | 9.80$_9$ | 3.07x | 2.80$_9$ | 1.83$_9$ | 2.00$_6$ | 2.85$_5$ | 1.56$_5$ | 2.40$_4$ | $Ca_2SiO_4.2–4H_2O$ | 11– 211 | |
| * | 12.2x | 3.06$_7$ | 2.45$_5$ | 3.10$_3$ | 6.12$_2$ | 2.53$_2$ | 2.07$_2$ | 5.45$_2$ | $CaSb_4O_4(SO_4)_2(OH)_2.2H_2O$ | 33– 264 | |
| c | 20.3$_8$ | 3.05x | 2.11$_4$ | 2.21$_3$ | 1.73$_2$ | 1.34$_1$ | 2.80$_1$ | 1.52$_1$ | $(Bi_2Ge_3Te_6)11R$ | 27– 355 | |
| c | 17.6x | 3.05x | 17.6x | 8.78$_8$ | 2.72$_8$ | 1.99$_6$ | 3.38$_4$ | 5.85$_4$ | $Bi_2O_{2.33}$ | 27– 51 | |
| c | 17.6x | 3.05x | 8.78$_8$ | 17.6x | 2.72$_8$ | 1.99$_6$ | 3.38$_4$ | 5.85$_4$ | $Bi_2O_{2.33}$ | 27– 51 | |
| | 13.0x | 3.05$_4$ | 3.38$_2$ | 2.88$_2$ | 2.73$_1$ | 2.60$_1$ | 1.69$_1$ | 2.48$_1$ | $C_2H_8Pb_2O_6.H_2O$ | 14– 737 | |
| i | 12.7x | 3.05$_9$ | 2.78$_8$ | 1.82$_8$ | 5.19$_7$ | 2.89$_7$ | 2.85$_7$ | 2.43$_7$ | $Ca_{12}Al_2Si_{18}O_{51}.18H_2O$ | 29– 287 | |
| | 11.9x | 3.05$_9$ | 5.64$_7$ | 4.03$_7$ | 2.81$_3$ | 2.74$_4$ | 1.93$_4$ | 3.56$_3$ | $(Na,Li)_4As_2Sb_8S_{17}.6H_2O$ | 11– 367 | |
| | 10.0x | 3.05x | 2.93$_8$ | 2.80$_8$ | 1.83$_7$ | 4.92$_5$ | 3.78$_5$ | 3.34$_5$ | $xCaO.SiO_2.yH_2O$ | 6– 20 | |
| | 10.6x | 3.04$_6$ | 3.22$_5$ | 3.16$_5$ | 2.66$_3$ | 2.55$_2$ | 3.93$_1$ | 1.94$_1$ | $Na_2Ce(AsO_4)_2.2H_2O$ | 24– 230 | |
| | 10.0x | 3.04$_8$ | 2.91$_2$ | 2.68$_1$ | 2.33$_1$ | 3.70$_1$ | 3.31$_1$ | 2.21$_1$ | $C_2H_2AgO_2$ | 14– 733 | |
| | 13.2x | 3.03x | 4.41$_8$ | 2.81$_8$ | 3.81$_7$ | 2.54$_7$ | 4.17$_6$ | 3.20$_6$ | $BaO–Al_2O_3–SiO_2–BaCl_2–H_2O$ | 10– 27 | |
| i | 13.0x | 3.03$_8$ | 2.65$_3$ | 2.23$_2$ | 3.01$_2$ | 2.07$_2$ | 2.60$_2$ | 2.16$_2$ | $K_2Ba_4Ti_4Al_2Si_{10}O_{36}.6H_2O$ | 29– 983 | |
| o | 12.0x | 3.03$_8$ | 6.09$_6$ | 2.95$_4$ | 1.77$_4$ | 3.71$_3$ | 2.65$_3$ | 2.55$_3$ | $Ca_4(Si_3O_8)(OH)_2F_2.2H_2O$ | 12– 201 | |
| | 9.80x | 3.03$_7$ | 2.49$_2$ | 2.74$_2$ | 1.63$_2$ | 1.93$_1$ | 1.82$_1$ | 2.09$_1$ | $YO(NO_3)_3$ | 32–1445 | |
| o | 14.0x | 3.02$_8$ | 3.20$_6$ | 2.97$_6$ | 2.82$_6$ | 3.27$_4$ | 9.50$_3$ | 6.41$_2$ | $Ca_3(AsO_4)_2.4H_2O$ | 17– 441 | |
| o | 12.2x | 3.02x | 7.69$_8$ | 4.23$_8$ | 3.95$_8$ | 3.59$_8$ | 3.42$_8$ | 2.46$_8$ | $C_2H_2ClCuO_2$ | 31– 453 | |
| i | 12.1x | 3.02$_8$ | 2.91$_5$ | 3.58$_4$ | 2.68$_4$ | 2.64$_4$ | 4.79$_4$ | 6.03$_2$ | $H_6(Ca,Pb)_2Cu_3SO_4Te_5O_{18}$ | 29– 316 | |
| | 9.90x | 3.02$_7$ | 6.90$_3$ | 2.65$_2$ | 4.32$_2$ | 1.71$_2$ | 3.34$_1$ | 1.50$_1$ | $Cu_3(PO_4)_2.3H_2O$ | 22– 548 | |
| i | 13.1x | 3.01x | 3.19$_9$ | 2.80$_9$ | 2.62$_9$ | 4.38$_8$ | 3.79$_8$ | 2.29$_8$ | $Ba_2Al_2Si_4O_{13}Cl_2.2.3H_2O$ | 24–1432 | |
| i | 10.2x | 3.01$_8$ | 3.38$_6$ | 2.68$_6$ | 6.78$_4$ | 3.58$_4$ | 5.86$_3$ | 1.75$_2$ | $Na_2Fe(SO_4)_2(OH).3H_2O$ | 17– 156 | |
| i | 10.2x | 3.01x | 2.82$_8$ | 2.70$_8$ | 5.03$_6$ | 3.58$_6$ | 1.88$_6$ | 1.79$_6$ | $(NH_4)_2Ca_3(P_2O_7)_2.6H_2O$ | 22– 35 | |
| * | 9.82x | 3.01$_8$ | 3.44$_5$ | 4.92$_4$ | 5.79$_3$ | 3.34$_3$ | 3.28$_2$ | 3.79$_2$ | $(NH_4)_5P_2O_{10}.2H_2O$ | 26–1015 | |
| | 14.0x | 3.00x | 4.25$_8$ | 3.80$_8$ | 7.50$_6$ | 6.20$_6$ | 3.60$_6$ | 3.31$_6$ | Pb–Al–Si–O | 10– 11 | |
| * | 11.6x | 3.00$_5$ | 3.26$_3$ | 3.40$_2$ | 3.35$_2$ | 2.23$_1$ | 6.69$_1$ | 4.37$_1$ | $Mg_2(OH)ClO_3.3H_2O$ | 7– 278 | |
| * | 12.2$_9$ | 2.99x | 3.16$_9$ | 9.70$_8$ | 2.83$_7$ | 9.01$_6$ | 3.58$_5$ | 3.28$_5$ | $5(NH_4)_2O.12WO_3.11H_2O$ | 18– 127 | |
| i | 12.0x | 2.99x | 3.54$_6$ | 5.95$_5$ | 2.89$_5$ | 4.73$_4$ | 3.73$_4$ | 3.28$_4$ | $H_6Ca_2Cu_3(SO_4)(TeO_3)_4TeO_6$ | 29– 319 | |
| c | 11.5x | 2.99$_3$ | 2.57$_3$ | 5.75$_2$ | 2.17$_2$ | 1.74$_2$ | 2.27$_2$ | 1.99$_1$ | $Fe_9S_{11}$ | 25–1182 | |
| | 10.7x | 2.99x | 2.50x | 8.50$_7$ | 5.10$_7$ | 3.23$_7$ | 2.89$_7$ | 6.40$_3$ | $(NH_4)_2WO_4.xH_2O$ | 1– 40 | |
| c | 10.6x | 2.99x | 2.95$_9$ | 3.45$_8$ | 3.90$_4$ | 3.53$_3$ | 2.10$_3$ | 2.08$_3$ | $(Bi_3RbS_3)36O$ | 29– 244 | 4.55 |
| | 10.0$_9$ | 2.99x | 5.78$_6$ | 3.43$_6$ | 2.77$_3$ | 6.54$_4$ | 5.57$_4$ | 4.07$_4$ | $Na_2B_6O_{10}.4H_2O$ | 24–1057 | |
| i | 14.9x | 2.98$_1$ | 2.13$_1$ | 4.96$_1$ | 3.72$_1$ | 7.45$_1$ | 2.48$_1$ | 1.86$_1$ | Na–Mg–Fe–Al–Si–Al–O–OH | 29–1235 | |
| i | 12.1x | 2.98$_8$ | 6.96$_6$ | 3.43$_6$ | 2.78$_6$ | 6.16$_4$ | 4.06$_4$ | 4.55$_2$ | $Fe(OH)SO_4.5H_2O$ | 16– 935 | |
| c | 10.8$_9$ | 2.98x | 3.24$_8$ | 2.77$_7$ | 2.53$_6$ | 5.07$_4$ | 3.20$_3$ | 1.96$_3$ | $\alpha–Hg_2V_2O_7$ | 29– 912 | 5.18 |
| | 10.6x | 2.98x | 4.48$_4$ | 3.38$_4$ | 1.69$_7$ | 3.10$_2$ | 3.07$_2$ | 2.87$_2$ | $\delta–RbHo(WO_4)_2$ | 31–1185 | |
| i | 10.4x | 2.98x | 5.17$_6$ | 2.88$_5$ | 2.59$_5$ | 3.21$_5$ | 3.06$_4$ | 2.73$_2$ | $Co(Au(CN)_2)_2.10H_2O$ | 31– 420 | |
| i | 10.2x | 2.98$_9$ | 3.44$_8$ | 3.27$_8$ | 2.73$_7$ | 3.86$_5$ | 3.75$_5$ | 2.83$_5$ | $H(Na,K)(Mg,Zn)_2(AsO_4)_2.4H_2O$ | 12– 643 | |
| | 9.81x | 2.98$_8$ | 4.89$_8$ | 3.12$_8$ | 3.09$_8$ | 3.51$_4$ | 1.92$_4$ | 4.39$_3$ | $Li_7Y_3Mo_9O_{32}$ | 28– 609 | |
| i | 14.8x | 2.97$_9$ | 2.41$_8$ | 4.63$_6$ | 2.60$_6$ | 2.56$_6$ | 4.95$_4$ | 4.29$_4$ | $NaMg_3AlSi_3O_{10}(OH)_2.5H_2O$ | 27– 733 | |
| | 13.5$_9$ | 2.97x | 4.45$_8$ | 3.43$_7$ | 5.89$_6$ | 3.88$_5$ | 3.33$_5$ | 2.73$_5$ | $U(HPO_4)_2.H_2O$ | 10– 91 | |
| i | 10.1$_8$ | 2.97x | 5.93$_6$ | 5.05$_4$ | 2.24$_4$ | 1.71$_4$ | 3.41$_2$ | 1.65$_2$ | $(NH_4)(UO_2)(VO_3)_3.nH_2O$ | 29– 122 | |
| * | 9.97x | 2.97$_9$ | 2.94$_8$ | 6.89$_5$ | 5.64$_5$ | 4.01$_4$ | 2.75$_4$ | 2.85$_3$ | $Na_2Co_3(SO_4)_3(OH)_2.4H_2O$ | 25– 824 | |
| o | 15.0x | 2.96x | 3.93$_8$ | 3.43$_8$ | 4.08$_7$ | 3.03$_6$ | 2.74$_6$ | 7.83$_6$ | $Na_2Al_2GeO_8.xH_2O$ | 28–1034 | |
| o | 12.2g | 2.96x | 3.09$_7$ | 2.37$_6$ | 3.07$_7$ | 3.78$_6$ | 3.80$_6$ | 6.79$_5$ | $C_{12}H_{18}O_{12}Pb_3.PbO.H_2O$ | 18–1739 | |
| o | 12.2x | 2.96x | 2.83x | 3.95$_8$ | 2.44$_8$ | 2.41$_8$ | 5.90$_7$ | 7.55$_6$ | $ZnHPO_4.H_2O$ | 23– 743 | |
| | 10.4x | 2.96$_8$ | 5.96$_6$ | 4.70$_6$ | 3.81$_6$ | 2.88$_6$ | 9.04$_4$ | 6.65$_4$ | $Al_4Cl_3(OH)_{15}.9H_2O$ | 15– 119 | |
| o | 14.9$_8$ | 2.95x | 8.00$_6$ | 5.24$_6$ | 3.18$_6$ | 4.04$_3$ | 3.85$_3$ | 3.44$_3$ | $Ca_3(AsO_4)_2.8H_2O$ | 17– 738 | |
| i | 12.0x | 2.95$_8$ | 4.61$_6$ | 2.60$_6$ | 1.54$_6$ | 1.37$_6$ | 2.37$_4$ | 2.33$_4$ | $NaMg_3AlSi_3O_{10}(OH)_2.2H_2O$ | 27– 732 | |
| | 10.9x | 2.95$_7$ | 3.47$_5$ | 3.15$_4$ | 2.11$_3$ | 3.79$_2$ | 2.86$_2$ | 2.14$_2$ | $LaONO_3$ | 28– 513 | |
| | 10.7x | 2.95$_5$ | 3.49$_6$ | 2.62$_3$ | 3.87$_2$ | 5.83$_1$ | 2.22$_1$ | 2.10$_1$ | $Ca(UO_2)_2V_{10}O_{28}.16H_2O$ | 8– 288 | |
| o | 15.4x | 2.94x | 7.31$_8$ | 5.44$_8$ | 4.84$_8$ | 4.37$_8$ | 3.63$_8$ | 3.41$_8$ | $Li_{1.34}CeH_{.66}(PO_4)_2.H_2O$ | 28– 560 | |
| i | 13.1$_8$ | 2.94x | 6.60$_9$ | 4.67$_8$ | 2.80$_7$ | 1.97$_7$ | 4.18$_6$ | 1.72$_6$ | $(Ca,Na_2,K_2)_2Si_4O_{10}.3H_2O$ | 25– 676 | |
| i | 11.7x | 2.94$_8$ | 2.45$_8$ | 4.43$_7$ | 3.54$_7$ | 2.69$_6$ | 2.56$_6$ | 3.25$_5$ | $Cu_5(Y,Ca)(AsO_4)_3(OH)_6.3H_2O$ | 25– 183 | |
| | 11.4x | 2.94$_8$ | 3.37$_6$ | 5.95$_4$ | 4.37$_4$ | 3.75$_4$ | 3.05$_4$ | 2.16$_4$ | $Ca_2P_2O_7.4H_2O$ | 22– 535 | |
| i | 11.4x | 2.94x | 2.65x | 4.50$_8$ | 3.80$_6$ | 2.48$_6$ | 1.64$_6$ | 1.58$_6$ | $Na_4Mn_3Si_8(O,OH)_{24}.9H_2O$ | 25–1318 | |
| i | 10.3x | 2.94$_4$ | 5.89$_3$ | 5.93$_3$ | 5.08$_3$ | 2.34$_2$ | 5.12$_2$ | 2.36$_2$ | $(TaSb)Al_4(SiO_4)_3BO_3(OOH)_3$ | 25–1209 | |
| | 11.7$_8$ | 2.93x | 2.97$_9$ | 1.83$_9$ | 6.00$_8$ | 3.13$_8$ | 4.21$_7$ | 4.00$_6$ | $(CaNa)_4(SiAl)_8O_{18}OH_2.3H_2O$ | 19– 466 | |
| i | 10.6$_8$ | 2.93x | 2.12x | 5.30$_6$ | 2.87$_6$ | 2.03$_6$ | 3.99$_3$ | 1.67$_3$ | $K_2Zn_2F_7$ | 23–1374 | |
| i | 11.6x | 2.92$_5$ | 4.41$_5$ | 3.24$_5$ | 2.55$_5$ | 2.68$_4$ | 3.37$_2$ | 3.53$_2$ | $Cu_4Al(AsO_4)_3(OH)_6.3H_2O$ | 29– 526 | |
| * | 10.5x | 2.92$_8$ | 3.04$_6$ | 2.83$_6$ | 2.66$_6$ | 6.46$_5$ | 3.47$_5$ | 3.29$_5$ | $Co_9H_2Si_6O_{18}(OH)_8.6H_2O$ | 18–1206 | |

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * | 14.5x | $2.90_2$ | $2.81_2$ | $3.83_1$ | $3.36_1$ | $8.88_1$ | $2.96_1$ | $7.57_1$ | $KAlSiO.2.5H_2O$ | 26– 898 | |
| | 11.5x | $2.90_4$ | $6.93_3$ | $7.51_2$ | $6.30_2$ | $7.13_2$ | $4.21_2$ | $3.26_2$ | $Al_{14}(PO_4)_{11}(SO_4)(OH)_7.84H_2O$ | 31– 20 | |
| | 10.8$_8$ | 2.89x | 2.79x | $4.10_8$ | $2.67_8$ | $2.48_8$ | $2.36_8$ | $1.67_8$ | $Ca_4Al_2O_7.19H_2O$ | 14– 628 | |
| | 10.2$_5$ | 2.89x | $2.95_5$ | $4.69_3$ | $2.76_3$ | $2.62_2$ | $4.82_2$ | $4.17_2$ | $K_2CaP_2O_7.4H_2O$ | 21– 629 | |
| * | 9.95g | $2.89_8$ | $3.28_4$ | $4.61_3$ | $2.77_2$ | $1.92_2$ | $3.60_2$ | $4.97_1$ | $\beta$–$C_2H_3NaO_2$ | 29–1158 | |
| o | 14.9$_5$ | 2.88x | $6.12_8$ | $3.64_8$ | $2.34_8$ | $6.33_6$ | $3.48_6$ | $3.00_6$ | $C_8Ag_2CrF_{12}O_{10}$ | 32–1002 | |
| | 11.6x | 2.88$_9$ | $5.81_8$ | $2.97_4$ | $9.69_4$ | $3.00_4$ | $2.48_3$ | $4.24_3$ | $NaO.4(NH)O.12WO.13H_2O$ | 18–1199 | |
| * | 11.5x | 2.88$_7$ | $4.35_6$ | $3.84_5$ | $5.76_4$ | $6.64_2$ | $3.32_2$ | $2.51_2$ | $(KCaMg)_3Al_3Si_{13}O_{36}.14H_2O$ | 22– 803 | |
| i | 10.2x | 2.88$_3$ | $2.77_1$ | $1.99_1$ | $1.99_1$ | $1.72_1$ | $2.75_1$ | $1.95_1$ | $CrBi_4O_{12}$ | 24– 304 | |
| i | 11.5x | 2.87x | $3.07_5$ | $3.83_3$ | $2.96_3$ | $5.75_2$ | $2.83_2$ | $2.55_2$ | $KCa_6(Si,Al)_{10}O_{22}(SO_4)_2.H_2O$ | 29–1035 | |
| i | 18.7x | 2.86x | 8.97$_9$ | $3.13_9$ | $9.46_8$ | $4.79_8$ | $4.21_8$ | $3.35_8$ | $Cu_8(AsO_4)_4(OH)_4.5H_2O$ | 21– 289 | |
| | 11.6x | 2.86$_8$ | $5.70_6$ | $4.20_3$ | $3.78_2$ | $2.62_2$ | $2.46_2$ | $1.75_2$ | $Na_2(Ti,Nb)_2Si_2O_9.xH_2O$ | 14– 369 | |
| i | 10.3$_8$ | 2.86x | 3.84$_8$ | $2.80_7$ | $5.90_6$ | $2.68_6$ | $2.06_6$ | $2.03_6$ | $Pb_3CuCl_2O_2(OH)_2$ | 8– 112 | |
| i | 10.9$_9$ | 2.85x | $3.35_8$ | $2.67_7$ | $2.15_7$ | $1.58_7$ | $1.69_6$ | $1.91_5$ | $CaBi_2O_2(CO_3)_2$ | 22–1067 | |
| i | 10.5$_8$ | 2.85x | $3.46_8$ | $3.28_8$ | $1.95_8$ | $5.18_5$ | $3.92_3$ | $3.03_5$ | $RbAgCO_3$ | 30–1085 | |
| c | 10.5x | $2.85_2$ | $2.93_1$ | $2.76_1$ | $2.90_1$ | $4.29_1$ | $2.88_1$ | $2.39_1$ | $KCuPO_4.H_2O$ | 30– 933 | 4.77 |
| | 14.2x | 2.84$_9$ | $4.72_6$ | $3.54_6$ | $7.09_4$ | $2.46_3$ | $2.27_3$ | $1.72_3$ | $5MgO.Al_2O_3.3SiO_2.4H_2O$ | 10– 412 | |
| | 14.0x | 2.84$_6$ | $7.16_6$ | $4.70_6$ | $2.72_4$ | $4.43_2$ | $2.66_2$ | $3.42_2$ | $K_2ZnP_2O_7$ | 33–1062 | |
| | 10.8x | 2.84$_8$ | 3.17$_7$ | $6.39_6$ | $4.09_6$ | $3.59_6$ | $2.61_5$ | $5.35_4$ | $CaO–As_2O_5–H_2O$ | 29– 295 | |
| * | 18.7g | 2.83x | 2.82x | $3.42_6$ | $3.44_5$ | $2.67_5$ | $9.36_5$ | $2.78_5$ | $Ca_5H_2(PO_4)_6.5H_2O$ | 26–1056 | 0.50 |
| * | 11.9x | 2.83$_9$ | $2.65_7$ | $2.55_7$ | $2.97_6$ | $1.48_6$ | $2.38_5$ | $5.95_4$ | $K_2Fe_{22}O_{34}$ | 31–1034 | |
| i | 10.8x | 2.83$_9$ | $3.17_8$ | $4.07_4$ | $3.57_4$ | $6.34_3$ | $5.36_3$ | $4.73_3$ | $Ca_3H_2(AsO_4)_4.9H_2O$ | 33– 280 | |
| i | 11.3x | 2.82$_8$ | 2.69$_8$ | $2.52_8$ | $5.64_6$ | $2.42_6$ | $2.25_6$ | $2.73_4$ | $CdAl_{12}O_{19}$ | 22–1060 | |
| | 10.9x | 2.82$_8$ | $11.2_6$ | $3.63_3$ | $3.66_1$ | $2.72_1$ | $3.09_1$ | $5.62_1$ | $C_4H_3Cl_4O_4Rb$ | 30–1063 | |
| i | 13.5$_8$ | 2.80x | 3.50$_9$ | $3.11_5$ | $2.01_4$ | $1.76_4$ | $1.59_4$ | $4.13_3$ | $Na_3Ti_2Si_2PO_{12}$ | 17– 542 | |
| * | 12.1x | $2.79_3$ | $9.98_2$ | $8.37_2$ | $4.65_2$ | $3.58_2$ | $4.57_2$ | $3.85_2$ | $Ca_4MgB_{12}As_2O_{28}.18H_2O$ | 21– 150 | |
| i | 11.7x | $2.79_6$ | $2.62_6$ | $2.51_6$ | $5.87_5$ | $2.34_5$ | $2.41_4$ | $1.46_4$ | $KGa_{11}O_{17}$ | 32– 788 | |
| * | 10.8x | 2.79x | 2.49x | $2.88_7$ | $2.54_7$ | $1.66_5$ | $1.65_5$ | $3.94_4$ | $Ca_4Al_2O_7.19H_2O$ | 14– 631 | |
| i | 10.2x | 2.78x | 3.40$_8$ | $2.63_8$ | $2.62_8$ | $5.10_5$ | $3.22_3$ | $2.97_3$ | $KAgCO_3$ | 30– 979 | |
| i | 12.8x | 2.77$_9$ | 8.35$_7$ | $6.43_4$ | $3.76_4$ | $3.18_4$ | $1.60_4$ | $5.52_3$ | $ZnMnFe_3(PO_4)_3(OH)_2.9H_2O$ | 29– 709 | |
| c | 13.8x | $2.76_4$ | $2.67_4$ | $2.34_4$ | $1.67_2$ | $2.45_2$ | $2.22_2$ | $1.43_1$ | $AlZrC_2$ | 32– 30 | 5.51 |
| | 12.5x | 2.76$_6$ | 3.13$_5$ | $2.97_4$ | $2.92_3$ | $2.71_3$ | $2.66_3$ | $4.32_2$ | $(CdHPO_4)_3.NH_3$ | 14– 396 | |
| | 10.0x | 2.75$_9$ | 1.58$_8$ | $4.19_4$ | $2.65_4$ | $2.41_2$ | $2.16_2$ | $2.53_1$ | $ZnSO_4.3Zn(OH)_2.4H_2O$ | 9– 204 | |
| | 10.3x | 2.74$_9$ | 2.56$_9$ | $2.75_9$ | $2.96_8$ | $2.59_8$ | $2.54_8$ | $4.94_7$ | $Na_3Fe_2(PO_4)_3.4H_2O$ | 21–1357 | |
| | 10.3x | $2.72_4$ | $4.11_3$ | $2.74_1$ | $2.37_1$ | $3.31_1$ | $2.18_1$ | $2.06_1$ | $KCoPO_4.H_2O$ | 20– 338 | |
| * | 11.4x | 2.71x | $2.52_8$ | $4.46_7$ | $1.40_6$ | $2.81_6$ | $2.14_5$ | $2.04_4$ | $Ga_2Al_{22}O_{34}$ | 22– 615 | |
| | 11.3x | 2.70$_8$ | 4.89$_1$ | $2.87_1$ | $5.53_1$ | $3.02_1$ | $2.63_1$ | $4.28_1$ | $U(HPO_4)_2.6H_2O$ | 13– 31 | |
| c | 11.3x | 2.68$_3$ | 5.63$_5$ | $1.40_3$ | $2.51_2$ | $2.04_2$ | $2.41_1$ | $1.41_1$ | $NaAl_{11}O_{17}$ | 32–1033 | |
| | 10.0x | 2.68$_2$ | 3.06$_2$ | $4.55_1$ | $3.99_1$ | $3.48_1$ | $1.69_1$ | $1.55_1$ | $C_4H_6As_6Cu_4O_{16}$ | 1– 51 | |
| | 15.4x | 2.67x | 1.54x | $7.77_9$ | $4.60_9$ | $1.33_8$ | $5.58_5$ | $3.87_5$ | $Zn_3Si_4O_{10}(OH)_2.xH_2O$ | 8– 445 | |
| o | 13.0x | 2.66$_9$ | 2.78$_8$ | $2.44_7$ | $1.60_6$ | $4.60_5$ | $2.22_5$ | $4.42_3$ | $Mn_4Fe_3Si_{12}O_{30}(OH)_6.8H_2O$ | 25–1371 | |
| | 12.1x | 2.65x | 2.79$_8$ | $1.63_8$ | $4.20_6$ | $1.62_6$ | $3.84_5$ | $3.70_5$ | $Mn_3Si_4O_{13}(OH)_8$ | 25– 8 | |
| | 10.6x | 2.65$_6$ | 3.54$_5$ | $5.31_4$ | $4.43_1$ | $2.58_1$ | $2.40_1$ | $1.98_1$ | $C_4HCl_4CsO_4$ | 29–1413 | |
| i | 11.6x | 2.64$_9$ | 5.75$_6$ | $2.06_4$ | $1.72_2$ | $2.34_2$ | $2.88_2$ | $1.70_1$ | $Na_{0.5}TiS_2.1.5H_2O$ | 29–1281 | |
| * | 11.0$_8$ | 2.63x | 2.48$_9$ | $4.70_8$ | $2.78_7$ | $4.41_6$ | $2.11_6$ | $3.66_5$ | $PbAl_{12}O_{19}$ | 20– 558 | |
| i | 10.1x | 2.63x | 1.54x | $3.39_8$ | $2.45_8$ | $2.19_8$ | $2.22_7$ | $2.01_7$ | $K_2H_2Zn_3(ZnSi_7O_{20})(OH)_4$ | 32– 872 | |
| i | 10.2x | 2.62$_8$ | 3.36$_5$ | $2.44_4$ | $1.54_3$ | $2.19_3$ | $2.53_2$ | $1.68_2$ | $KZn_3AlSi_3O_{10}(OH)_2$ | 27– 468 | |
| | 9.99x | 2.62x | 3.36$_9$ | $3.27_9$ | $1.54_9$ | $2.43_8$ | $1.67_8$ | $2.16_7$ | $KFe_2Al_2Si_2O_{10}(F,OH)_2$ | 25–1355 | |
| c | 9.98x | $2.61_7$ | 3.38$_6$ | $3.13_5$ | $3.33_4$ | $2.43_4$ | $3.65_4$ | $2.90_4$ | $KMg_3(Si,Al)_4O_{10}F_2$ | 25– 807 | |
| i | 10.0$_8$ | 2.60x | 1.51x | $5.01_8$ | $4.52_8$ | $3.61_8$ | $3.11_6$ | $2.40_8$ | $KLiMg_2Si_4O_{10}F_2$ | 12– 236 | |
| | 10.7x | 2.59x | 4.57$_8$ | $4.04_7$ | $2.53_7$ | $1.51_6$ | $2.95_5$ | $3.47_4$ | $CuO–As_2O_3–SO_2$ | 29– 532 | |
| i | 10.1x | 2.59x | 4.53$_8$ | $3.33_6$ | $2.40_6$ | $1.51_6$ | $3.63_4$ | $3.09_4$ | $K(Fe,Al)_2(Si,Al)_4O_{10}(OH)_2$ | 9– 439 | |
| | 12.8x | 2.58$_8$ | 4.41$_4$ | $3.35_3$ | $3.77_2$ | $2.26_2$ | $2.45_1$ | $1.52_1$ | $Mg_4Si_6O_{13}(OH)_2.6H_2O$ | 29–1492 | |
| i | 12.1x | 2.57x | 4.04$_9$ | $3.03_7$ | $2.35_7$ | $1.59_6$ | $2.11_5$ | $1.57_5$ | $Ca_4Fe_{47}Si_{72}O_{180}(OH)_{36}.xH_2O$ | 25– 174 | |
| i | 9.97$_9$ | 2.57x | 3.34$_9$ | $1.50_9$ | $4.48_8$ | $1.65_8$ | $3.49_6$ | $3.20_6$ | $K(Al,V)_2(Si,Al)_4O_{10}(OH)_2$ | 19– 814 | |
| i | 12.1x | 2.56$_6$ | 4.31$_4$ | $3.20_4$ | $3.75_3$ | $3.37_3$ | $2.62_2$ | $2.26_2$ | $Mg_4Si_6O_{13}(OH)_2.6H_2O$ | 13– 595 | |
| c | 10.4x | 2.56$_4$ | $2.25_2$ | $2.06_1$ | $2.10_1$ | $5.22_1$ | $1.95_1$ | $1.70_1$ | $(LaRe_2Si_2)20P$ | 31– 666 | 19.90 |
| | 10.2g | 2.56x | 5.11$_8$ | $6.33_6$ | $3.04_6$ | $2.38_4$ | $2.88_3$ | $5.29_3$ | $H_2Na_3O_8N_2P_3.6H_2O$ | 16– 541 | |
| * | 10.2$_8$ | 2.56x | 2.95$_9$ | $2.49_9$ | $9.14_8$ | $5.90_8$ | $5.10_8$ | $2.44_8$ | $Na_2CN_2$ | 19–1190 | |
| | 9.98$_8$ | 2.56x | 4.48$_8$ | $3.31_8$ | $1.50_8$ | $3.62_6$ | $3.07_6$ | $2.14_5$ | $(Ba,K)Al_2(Si_3AlO_{10})(OH)_2$ | 10– 490 | |
| | 10.2x | 2.55$_7$ | 8.50$_7$ | $2.93_5$ | $2.30_5$ | $2.80_3$ | $2.08_3$ | $2.48_3$ | $Na_3KFe_{1.5}Mg_{2.5}(PO_4)_3(OH)_3$ | 33–1041 | |
| * | 14.0$_8$ | 2.54x | 7.08$_8$ | $3.55_6$ | $1.54_6$ | $2.44_5$ | $4.73_4$ | $4.59_4$ | $(Mg,Al,Fe)_6(Si,Al)_4O_{10}(OH)_8$ | 7– 165 | |
| c | 12.0x | 2.54$_6$ | 2.60$_5$ | $3.55_5$ | $6.01_4$ | $2.30_3$ | $1.98_3$ | $2.80_2$ | $Ni_2USi_3$ | 32– 707 | 7.37 |
| i | 11.4x | 2.54$_6$ | 2.00$_5$ | $2.83_3$ | $1.42_3$ | $2.36_4$ | $2.81_4$ | $2.63_4$ | $Na_2(Al,Fe)_{12}O_{19}$ | 25– 773 | |
| o | 14.2x | 2.53$_8$ | 6.40$_6$ | $3.36_6$ | $2.87_6$ | $2.35_6$ | $5.08_4$ | $4.78_4$ | $Mn_4B_2O_7.2H_2O$ | 13– 593 | |
| | 12.2x | 2.53$_4$ | 3.33$_3$ | $2.62_2$ | $2.44_2$ | $3.19_2$ | $2.39_2$ | $2.26_2$ | $(Ni,Mg)_4Si_6O_{13}(OH)_2.6H_2O$ | 29–1433 | |
| * | 11.3x | 2.51$_9$ | 2.70$_8$ | $4.46_6$ | $2.80_6$ | $1.40_6$ | $2.14_5$ | $2.04_5$ | $K_2Al_{22}O_{34}$ | 31– 960 | |
| * | 11.3x | 2.51$_7$ | 2.69$_6$ | $1.40_6$ | $2.80_5$ | $5.64_4$ | $2.41_4$ | $2.14_4$ | $Na_2Al_{22}O_{34}$ | 31–1263 | |
| * | 14.2$_8$ | 2.50x | 4.52$_9$ | $4.74_8$ | $7.13_7$ | $3.55_7$ | $1.51_6$ | $2.41_5$ | $Mg_2Al_2(Si_3Al)O_{10}(OH)_8$ | 19– 751 | |
| i | 15.9x | 2.49$_5$ | $1.41_3$ | $7.92_2$ | $2.67_2$ | $2.43_2$ | $2.01_2$ | $2.81_2$ | $NaMg_2Al_{13}O_{25}$ | 27– 730 | |
| i | 12.1x | 2.46$_9$ | 4.48$_8$ | $3.57_8$ | $2.95_8$ | $3.26_5$ | $2.70_5$ | $2.57_5$ | $Cu_3(AsO_4)_2.6H_2O$ | 13– 413 | |
| i | 12.0x | 2.46$_9$ | 3.57$_8$ | $2.95_7$ | $2.86_6$ | $2.70_6$ | $2.57_6$ | $4.47_5$ | $Cu_{12}Bi(AsO_4)_6(OH)_6.9H_2O$ | 13– 414 | |
| i | 10.2x | 2.44$_6$ | 3.69$_4$ | $6.00_4$ | $6.17_2$ | $4.21_2$ | $2.75_2$ | $8.04_2$ | $KAl_2(NO_3)_4Cl_2(OH)_{16}.8H_2O$ | 33– 986 | |
| i | 10.1$_9$ | 2.44x | 2.31x | $2.01_9$ | $2.10_7$ | $3.80_4$ | $5.80_3$ | $4.49_4$ | $(Mg_{32}(Al,Zn)_{49})162B$ | 19– 29 | |
| i | 11.2x | 2.42$_8$ | $1.65_8$ | $2.86_5$ | $2.81_5$ | $2.66_5$ | $2.24_5$ | $1.63_5$ | $Cs_{0.54}Ta_2CS_2$ | 32– 265 | |
| | 10.8x | 2.41x | 1.39x | $1.95_8$ | $1.53_8$ | $1.23_7$ | $1.20_7$ | $2.67_6$ | $CaBe_4(PO_4)_2(OH)_4.0.5H_2O$ | 15– 781 | |
| i | 10.9x | 2.38$_8$ | $1.65_8$ | $2.87_5$ | $2.83_5$ | $2.65_5$ | $2.16_5$ | $1.63_5$ | $Rb_{0.73}Ta_2CS_2$ | 32– 947 | |
| i | 10.1$_8$ | 2.38x | $11.7_4$ | $6.09_4$ | $2.45_4$ | $3.89_3$ | $2.33_3$ | $7.14_2$ | $(Mg_{4.2}Ru)F$ | 25– 528 | |
| | 10.0x | 2.38$_3$ | $4.13_6$ | $3.75_6$ | $3.16_6$ | $2.63_6$ | $1.57_6$ | $1.54_6$ | $SbHP_2O_8.2H_2O$ | 21– 49 | |
| i | 14.1$_8$ | 2.32x | 4.70$_9$ | $3.52_9$ | $7.05_7$ | $2.51_7$ | $1.49_7$ | $1.96_5$ | $LiAl_4Si_3AlO_{10}(OH)_8$ | 16– 363 | |

## 999.99 – 10.00 (–.20)

| | | | | | | | | | | File No. | I/Ic |
|---|---|---|---|---|---|---|---|---|---|---|---|
| i | 12.7x | 2.07 | 3.16 | 2.21 | 3.54 | 1.73 | 1.82 | 6.32 | $(As_{3-3}Cu_3Li_3)92H$ | 23– 802 | |
| | 10.3x | 2.06x | 3.12 | 2.40 | 2.37 | 3.03 | 2.98 | 2.81 | $Na_6Be_3F_{10}.2H_2O$ | 20–1076 | |
| | 11.6x | 1.98 | 1.40 | 2.52 | 5.69 | 1.39 | 2.81 | 2.80 | $NaAl_3O_8$ | 19–1173 | |
| c | 11.3x | 1.98 | 1.40 | 2.60 | 5.04 | 2.81 | 1.39 | 2.51 | $Na_2MgAl_{10}O_{17}$ | 32–1116 | |
| o | 15.1x | 1.82x | 3.03 | 8.35 | 5.07 | 3.36 | 4.39 | 3.79 | $CaSi_2O_5$ | 15– 130 | |
| o | 10.3 | 1.82x | 3.44 | 1.51 | 2.58 | 1.94 | 3.17 | 1.79 | $(NH_4)_2V_{10}O_{25}.8H_2O$ | 26– 97 | |
| i | 10.4 | 1.65x | 1.63 | 1.42 | 2.59 | 2.40 | 2.30 | 2.08 | $K_{0.50}Ta_2CS_2$ | 32– 847 | |
| | 15.4x | 1.55 | 7.90 | 5.48 | 4.55 | 2.67 | 3.16 | 1.33 | $(ZnMg)_3(SiAl)_4O_{10}OH_2.xH_2O$ | 8– 243 | |
| i | 18.8x | 1.54 | 2.61 | 9.10 | 4.55 | 3.61 | 3.01 | 1.74 | $Mg_3(Si,Al)_4O_{10}(OH)_2.xH_2O$ | 6– 2 | |
| | 15.4x | 1.54 | 7.90 | 4.60 | 3.13 | 2.65 | 2.56 | 1.33 | $Ca(MgFe)_3Si_4O_{10}(OH)_2.xH_2O$ | 13– 305 | |
| i | 14.2x | 1.53 | 4.57 | 2.62 | 2.57 | 2.53 | 2.38 | 2.37 | $Mg_3(SiAl)_4O_{10}OH_2.4.5H_2O$ | 16– 613 | |
| | 14.2x | 1.53 | 3.67 | 4.57 | 4.96 | 1.32 | 2.09 | 1.84 | $Mg_3(Si,Al)_4O_{10}(OH)_2.xH_2O$ | 13– 86 | |
| | 10.6x | 1.51 | 4.54 | 3.28 | 3.08 | 1.89 | 1.71 | 2.60 | $Na_2Ni_4Si_8O_{20}(OH)_2.8H_2O$ | 31–1319 | |
| | 17.9 | 1.49x | 2.90 | 2.56 | 7.90 | 4.07 | 1.60 | 4.45 | $Cu_2{-}xSi_2O_3(OH)_2.xH_2O$ | 27– 188 | |
| i | 11.3x | 1.40 | 2.70 | 2.51 | 4.45 | 2.80 | 5.66 | 2.41 | $(NO)_2Al_{22}O_{34}$ | 23– 457 | |

## 9.99 – 8.00 (±.10)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| i | 8.04x | 24.1x | 3.44x | 3.02x | 2.68 | 1.61 | 1.78 | 2.41 | $Na_7BaTi_2NbSi_4O_{17}PO_4F$ | 29–1176 | |
| i | 8.84 | 21.0x | 1.82 | 2.95 | 2.92 | 3.11 | 3.00 | 2.80 | $CaSi_2O_5.2H_2O$ | 33– 305 | |
| i | 8.97 | 18.7x | 2.86x | 3.13 | 9.46 | 4.79 | 4.21 | 3.35 | $Cu_3(AsO_4)_4(OH)_4.5H_2O$ | 21– 289 | |
| i | 9.08x | 18.2 | 2.02 | 3.29 | 2.90 | 3.76 | 3.07 | 2.60 | $Na_6K_2Fe_7(SO_4)_{12}O_2.18H_2O$ | 29–1043 | |
| i | 9.20x | 18.1 | 5.58 | 6.17 | 3.58 | 3.50 | 5.32 | 4.68 | $Mg(FeAl)_4(SO_4)_6OH_2.20H_2O$ | 20– 659 | |
| | 8.94x | 17.7 | 2.84 | 5.57 | 2.96 | 2.68 | 1.71 | 3.85 | $K_2Ca_3Al_6P_6O_{20}(OH)_{16}.3H_2O$ | 29–1037 | |
| o | 8.65 | 17.6x | 3.33x | 7.85 | 12.2 | 7.44 | 2.37 | 4.25 | $(Al,Fe)_2AsO_4(OH)_6.5H_2O$ | 11– 146 | |
| | 8.66 | 16.8x | 11.9x | 3.54 | 3.35 | 7.50 | 3.45 | 3.29 | $C_4H_6CaNO_4$ | 22– 26 | |
| | 8.39 | 16.8x | 4.20x | 3.36 | 1.56 | 2.80 | 2.59 | 2.47 | $Cu_{16}Te_3O_{11}(OH)_{26}.27H_2O$ | 29– 590 | |
| | 8.59 | 16.7x | 11.8 | 7.44 | 3.51 | 3.28 | 8.34 | 6.94 | $C_4H_6CaO_4.5H_2O$ | 14– 792 | |
| | 8.33x | 16.6x | 4.60x | 1.55x | 3.34 | 2.62 | 5.41 | 1.33 | $(ZnMg)_3(SiAl)_4O_{10}OH_2.xH_2O$ | 8– 444 | |
| | 7.92x | 15.8 | 3.17 | 3.14 | 2.64 | 3.82 | 7.48 | 5.92 | $(NH_4)_3Al_2H_6(PO_4)_8.18H_2O$ | 28– 41 | |
| | 7.90x | 15.8 | 11.1 | 3.06 | 9.60 | 6.80 | 5.68 | 5.12 | $Al_2PO_4VO_4.8H_2O$ | 14– 219 | |
| | 8.76x | 15.2x | 3.79 | 3.38 | 3.29 | 5.07 | 4.03 | 5.71 | $(NH_4)_9Fe(P_2O_7)_5.9H_2O$ | 28– 248 | |
| i | 8.80 | 14.7x | 3.85 | 2.39 | 5.78 | 3.35 | 2.97 | 7.20 | $Na_8Be_{14}Al_4Si_9O_{34}.xH_2O$ | 25– 785 | |
| i | 8.75 | 14.3x | 5.71x | 7.51 | 4.39 | 3.79 | 2.87 | 4.78 | $Na_2Al_2Si_{3-3}O_{10-6}.7H_2O$ | 12– 228 | |
| i | 8.70 | 14.3x | 5.66x | 3.76x | 7.38 | 4.76 | 4.36 | 3.29 | $Na_2Al_2Si_{4-7}O_{13-4}.xH_2O$ | 11– 672 | |
| i | 8.00g | 13.7x | 2.29x | 2.75x | 3.27 | 1.61 | 2.51 | 1.49 | $Cu_{19}Cl_4SO_4(OH)_{32}.2H_2O$ | 8– 135 | |
| i | 7.95x | 13.7x | 2.30x | 2.75x | 1.62 | 3.27 | 2.51 | 5.20 | $Cu_{19}Cl_4(NO_3)_2(OH)_{32}.2H_2O$ | 8– 136 | |
| c | 8.81x | 13.6 | 3.09 | 2.60 | 3.25 | 2.55 | 3.81 | 2.74 | $(Mg,Fe)_3Si_4O_{10}(OH)_2$ | 31– 638 | |
| c | 8.81x | 13.6 | 3.08 | 2.64 | 2.51 | 4.70 | 4.04 | 3.25 | $(Mg,Fe)_3Si_4O_{10}(OH)_2$ | 31– 639 | |
| i | 9.27 | 13.1x | 6.13 | 3.60 | 3.41 | 3.22 | 3.13 | 2.88 | $NaCa_6Al_9Si_{13}O_{26}(OH)_{40}$ | 25–1321 | |
| | 8.66x | 13.1x | 3.26x | 3.18x | 7.25 | 3.63 | 2.94 | 2.81 | $K_4Ta_2O_7.9H_2O$ | 21– 688 | |
| i | 7.93x | 13.0x | 5.67x | 3.68x | 5.23 | 5.14 | 4.31 | 3.13 | $Na_2Ca(UO_2)(CO_3)_3.6H_2O$ | 20–1092 | |
| | 9.65 | 12.6x | 8.70x | 7.10 | 4.32 | 6.13 | 4.65 | 3.94 | $Ca_2Cu(UO_2)(CO_3)_4.6H_2O$ | 33– 274 | |
| | 8.70x | 12.6x | 9.65 | 7.10 | 4.32 | 6.13 | 4.65 | 3.94 | $Ca_2Cu(UO_2)(CO_3)_4.6H_2O$ | 33– 274 | |
| i | 10.0x | 12.3x | 9.30 | 2.61 | 2.10 | 4.65 | 7.80 | 7.10 | $Ca_3AlV_{14}O_{40}.28H_2O$ | 11– 191 | |
| i | 9.30 | 12.3x | 10.0x | 2.61 | 2.10 | 4.65 | 7.80 | 7.10 | $Ca_3AlV_{14}O_{40}.28H_2O$ | 11– 191 | |
| c | 9.92 | 12.2x | 9.21 | 7.70 | 6.08 | 6.27 | 5.39 | 5.19 | $Ca_9(Al_2V_{28}O_{80}).56H_2O$ | 33– 263 | 12.36 |
| | 8.60x | 12.2 | 10.1 | 6.90 | 3.63 | 7.50 | 5.70 | 4.90 | $C_{10}H_{15}Al_2ClO_{10}$ | 21– 2 | |
| o | 9.75g | 11.9g | 3.76x | 2.94x | 3.51 | 5.73 | 4.00 | 6.72 | $C_2H_6O_4Pb$ | 18–1738 | |
| | 7.96x | 11.9x | 5.06x | 3.06x | 5.90 | 3.37 | 2.82 | 2.21 | $Li_3(H_6CrMo_6O_{24}).10H_2O$ | 24– 616 | |
| | 9.04x | 11.7 | 5.83 | 5.41 | 4.21 | 3.47 | 2.95 | 2.70 | $MgFe_3(SO_4)_4(OH)_3.18H_2O$ | 20– 679 | |
| i | 9.71 | 11.6x | 11.1 | 7.91 | 6.28 | 5.63 | 5.17 | 4.86 | $K_{14}P_2W_{19}O_{69}.24H_2O$ | 31–1119 | |
| o | 9.37 | 11.6x | 6.73 | 7.25 | 5.27 | 8.10 | 4.74 | 7.90 | $(NH_4)_2(Mo_6Cl_8)(NCS)_6.2.5H_2O$ | 30– 62 | |
| | 8.61 | 11.6x | 6.28 | 3.61 | 2.84 | 3.26 | 4.98 | 2.56 | $C_8H_{12}Co_3O_9$ | 22– 595 | |
| i | 7.91 | 11.6x | 11.1 | 9.71 | 6.28 | 5.63 | 5.17 | 4.86 | $K_{14}P_2W_{19}O_{69}.24H_2O$ | 31–1119 | |
| o | 9.91x | 11.5x | 7.49 | 3.02 | 4.88 | 3.56 | 3.31 | 2.76 | $MgMo_3O_{10}.10H_2O$ | 32– 625 | |
| c | 8.90x | 11.5 | 3.67 | 11.5 | 3.12 | 5.29 | 5.12 | 3.13 | $Fe_2(SO_4)_2O.7H_2O$ | 27– 249 | |
| | 8.51x | 11.5 | 4.26 | 5.70 | 3.77 | 2.85 | 12.6 | 3.28 | $(UO_2)H_2F_4.4H_2O$ | 28–1413 | |
| o | 9.82 | 11.3x | 3.32 | 8.56 | 4.24 | 3.74 | 2.01 | 9.45 | $Ti_{29}O_{42}Cl_{32}.110H_2O$ | 21–1237 | |
| | 9.40 | 11.3x | 3.90x | 8.80 | 7.50 | 3.53 | 5.30 | 3.14 | $C_{20}H_{20}B_4FeO_{22}$ | 21– 911 | |
| | 8.80 | 11.3x | 3.90x | 9.40 | 7.50 | 3.53 | 5.30 | 3.14 | $C_{20}H_{20}B_4FeO_{22}$ | 21– 911 | |
| i | 8.69x | 11.3x | 3.57 | 3.05 | 3.11 | 5.16 | 4.98 | 3.41 | $FeSO_4(OH).3H_2O$ | 17– 158 | |
| | 8.11x | 11.3 | 5.62 | 5.53 | 10.8 | 5.45 | 5.09 | 5.02 | $K_3(H_6Mo_6CrO_{24}).7H_2O$ | 28– 757 | |
| | 9.80 | 11.2x | 3.21 | 3.41 | 3.10 | 4.35 | 3.81 | 1.96 | $10MoO_3.H_3PO_4.24H_2O$ | 1– 32 | |
| i | 7.98x | 11.2 | 4.63 | 5.62 | 3.89 | 2.61 | 1.54 | 1.51 | $Ca_2Mg_{14}Al_4CO_3(OH)_{42}.29H_2O$ | 25– 153 | |
| | 8.77x | 11.1x | 5.12x | 4.99x | 4.41x | 4.28x | 4.20x | 4.06x | $Li_4As_2O_3S(OH).4H_2O$ | 22– 417 | |
| o | 8.19x | 11.1 | 7.38 | 5.47 | 6.33 | 3.16 | 9.31 | 4.75 | $Ni_3V_{10}O_{28}.24H_2O$ | 31– 923 | |
| o | 8.19 | 11.1x | 7.38 | 9.41 | 8.93 | 6.33 | 2.89 | 2.08 | $Co_3V_{10}O_{28}.27H_2O$ | 31– 443 | |
| o | 8.19x | 11.1 | 7.38 | 5.47 | 6.33 | 3.16 | 9.31 | 4.75 | $Ni_3V_{10}O_{28}.25H_2O$ | 31– 924 | |
| o | 8.19 | 11.1x | 3.26 | 7.34 | 9.41 | 8.93 | 2.82 | 2.08 | $Co_3V_{10}O_{28}.30H_2O$ | 31– 445 | |
| | 9.65 | 11.0x | 10.5x | 15.8 | 7.49 | 3.14 | 3.03 | 2.95 | $Na_4Nb_6O_{16}.14H_2O$ | 28–1121 | |
| | 9.40 | 11.0x | 3.96x | 7.60 | 3.53 | 3.16 | 0.00 | 0.00 | $C_{20}H_{20}B_4CrO_{22}$ | 21– 859 | |
| | 9.40 | 11.0x | 3.90x | 8.70 | 7.50 | 3.50 | 5.30 | 3.14 | $C_{20}H_{20}B_4CoO_{22}$ | 21– 864 | |
| | 9.06x | 11.0x | 5.37 | 9.97 | 5.83 | 6.42 | 4.96 | 7.96 | $AgS_2PF_2$ | 23– 645 | |
| | 8.80x | 11.0 | 4.04 | 4.30 | 3.75 | 3.69 | 9.60 | 4.50 | $C_4Cl_9NdO_4$ | 14– 711 | |
| | 8.70 | 11.0x | 3.90x | 9.40 | 7.50 | 3.50 | 5.30 | 3.14 | $C_{20}H_{20}B_4CoO_{22}$ | 21– 864 | |
| | 8.20x | 11.0x | 6.80x | 3.64x | 5.50 | 7.60 | 6.30 | 3.09 | $C_6H_6AlClO_4$ | 21– 3 | |
| | 8.20x | 11.0x | 6.80x | 3.64 | 5.50 | 7.60 | 6.30 | 3.09 | $C_{3\cdot2}H_{6\cdot4}AlClO_{3\cdot2}$ | 21– 5 | |
| | 10.0x | 10.9 | 2.86 | 3.68 | 2.76 | 3.64 | 5.50 | 5.20 | $K_3Na_3W_{12}O_{41}.26H_2O$ | 33–1044 | |