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Supporting information for article:

Arsenic(III)-oxide intercalate with ammonium chloride: crystal structure revision and thermal characterization

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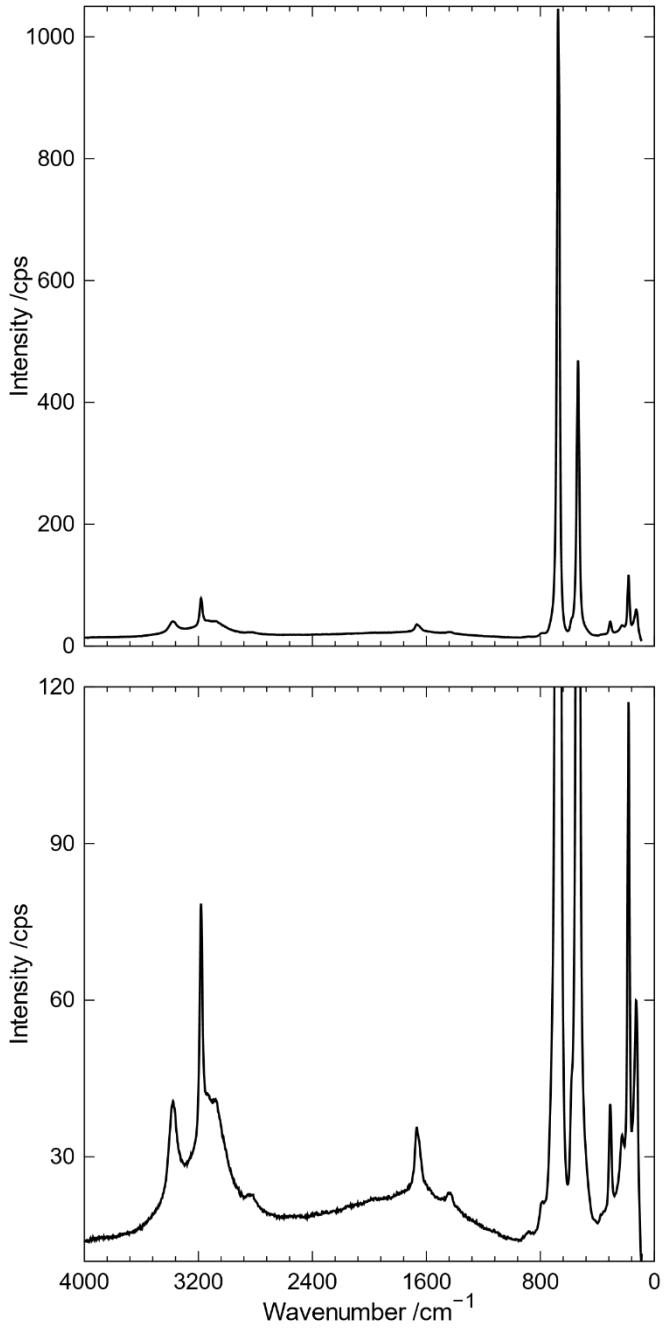

Figure S1 Raman spectrum of intercalate Y_{NH_4Cl}: full *Y* scale (top) and enlarged *Y* scale (bottom).

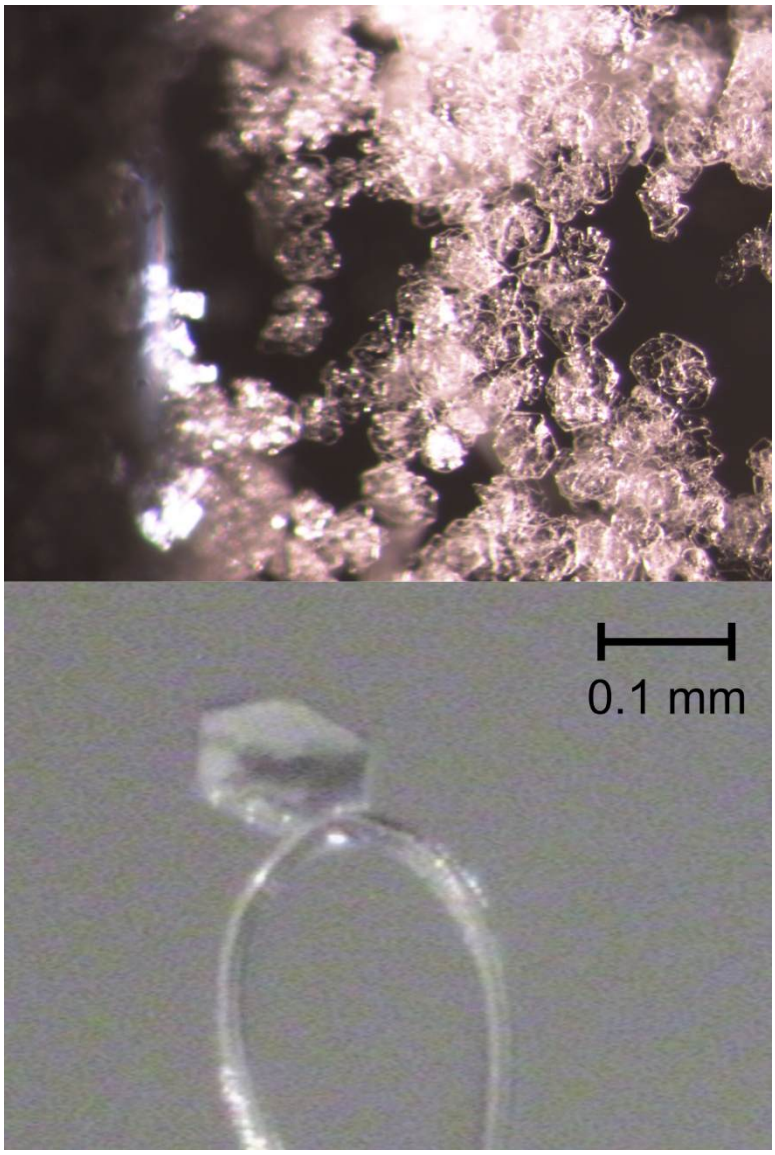

Figure S2 Microphotographs of intercalate Y_{NH_4Cl} single crystals.

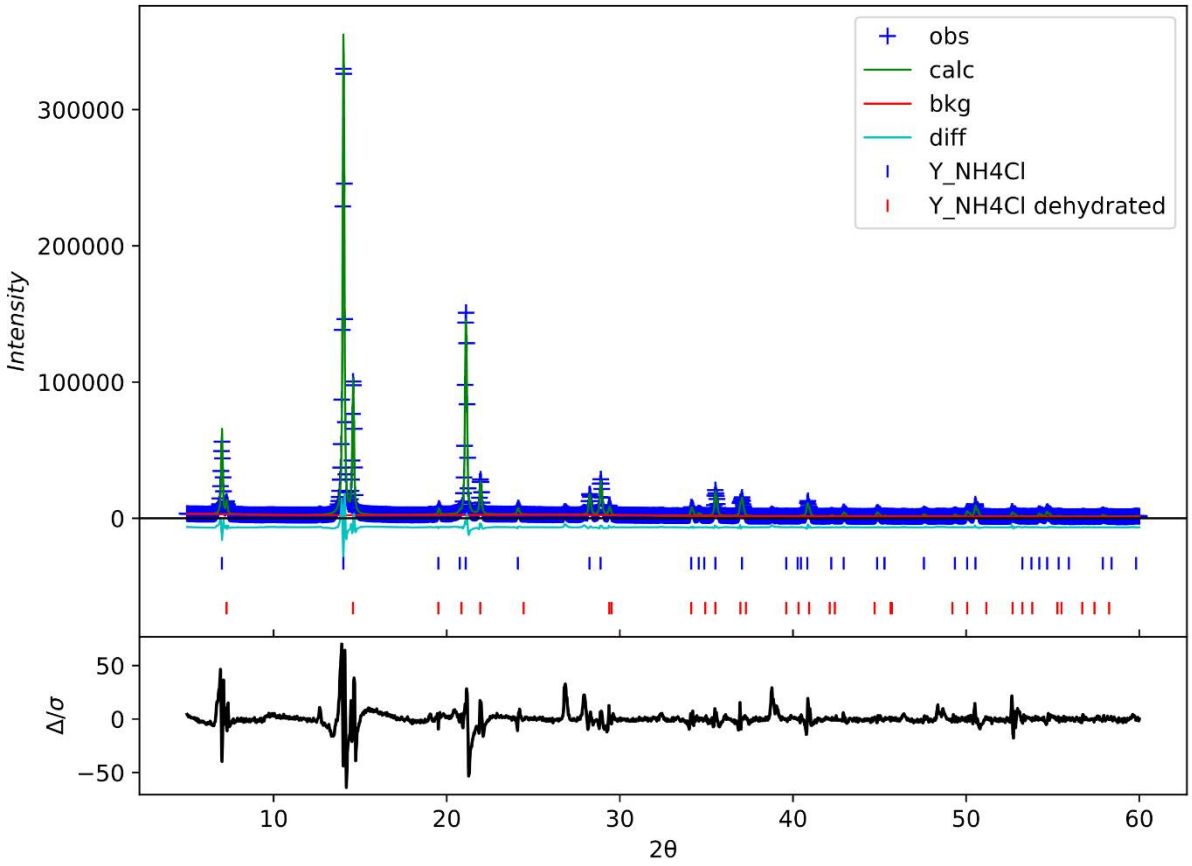

Figure S3 Powder X-Ray diffraction pattern (Cu Kα) of a sample subjected to DSC experiment recorded at RT 7 days after the DSC measurement was completed. Pawley refinement revealed the following unit-cell parameters of the intercalate Y_{NH_4Cl} and its dehydrated counterpart: a = 5.2527(6) Å, c = 12.6342(5) Å, V = 301.89(5) Å^3; a = 5.2526(6) Å, c = 12.1552(7) Å, V = 290.43(4) Å^3. Both phases were modeled in the hexagonal *P*6/*mmm* space group.