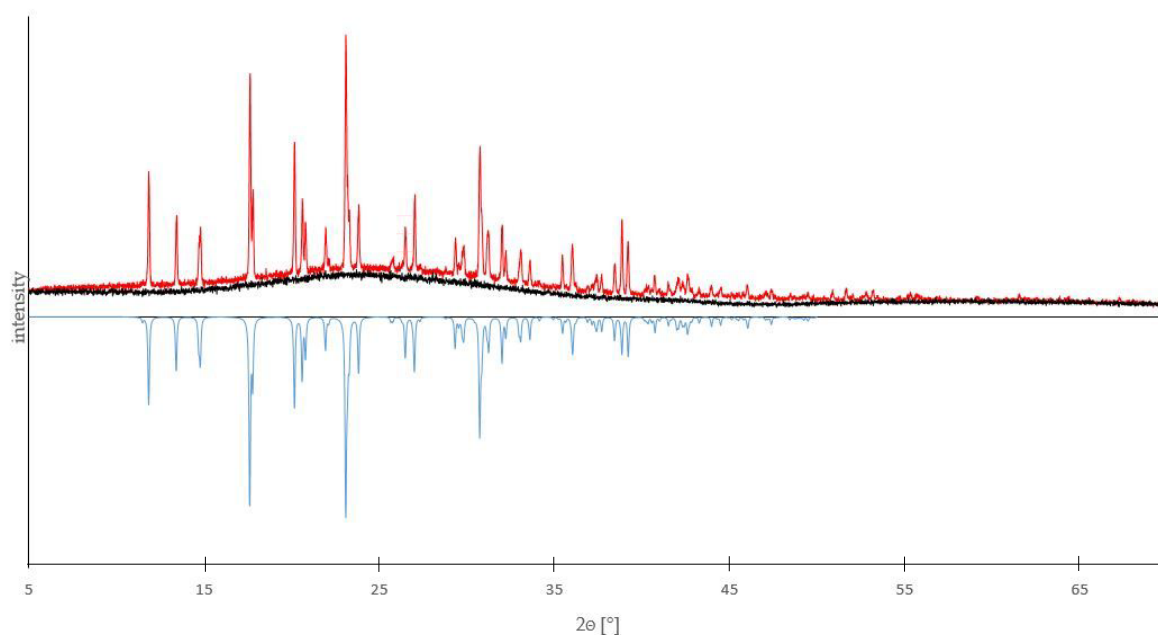


Electronic Supplementary for the powder diffraction experiment on (3-ammonio-2,2-dimethyl-propyl)carbamate dihydrate

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ES-Figure: **red** line: collected diffractogram of the title compound at room temperature; **blue** line: simulation of a powder diffraction diagram from the single crystal data; **black** line: empty 0.3 mm glass capillary as a check for glass and air scattering background (the background is shifted down by 20 counts for clarity).

The measured diffractogram is in excellent agreement with the simulated one.

Diffractometer: STOE STADI-P, Debye-Scherrer geometry

Detector: Linear PSD (7 °, STOE & Cie)

Preparation: glass capillary (0.3 mm, type 0100, Hilgenberg GmbH (Germany)).

Radiation: Cu-K α_1 (sealed tube)

Step-width: 0.1°

Irradiation time/step: 80 sec.

Software:

1. Win-Xpow-Software, STOE & Cie, Darmstadt, Germany, **2002**.

2. Macrae, C. F.; Edgington, P. R.; McCabe, P.; Pidcock, E.; Shields, G. P.; Taylor, R.; Towler, M.; van de Streek, J. **Mercury**: visualization and analysis of crystal structures. *J. Appl. Crystallogr.* **39**, **2006**, 453-457.