



SUPPLEMENTAL FIGURE S1. Experimental (dots) and calculated (green line) X-ray powder diffraction patterns of beryl $\text{Al}_2\text{Be}_3\text{Si}_6\text{O}_{18}$ from 10 to 80 ° 2θ . Weighted differences are plotted below. Refinement parameters are $R = 10.12$ and weighted residuals are 20.8%.

American Mineralogist: February 2020 Deposit AM-20-27010
Franz et al.: Crystal chemistry of emerald

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