

Mckelveyite group - $\text{NaCaBa}_3\text{Y}(\text{CO}_3)_6 \cdot 3\text{H}_2\text{O}$

Hardness: 3.5–4. Cleavage: No data. Likely sensitive to all acids to some extent. Formula given at Handbook of Mineralogy website includes U so some samples may be radioactive.

A group of minerals, expected to all have similar properties, in which Y and Nd substitute. Data give is for mckelveyite-(Y).

References

Mindat: <https://www.mindat.org/min-2617.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/mckelveyite-Y.pdf>

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.