

Lévyne group - $(\text{Ca},\text{Na}_2,\text{K}_2)[\text{Al}_2\text{Si}_4\text{O}_{12}]\cdot 6\text{H}_2\text{O}$

Hardness: 4–4.5. Cleavage: Perfect. Brittle. Intolerant to sonication. Sensitive to thermal shock. Attacked by HCl. Likely intolerant to oxalic acid, as are all zeolites. Remove calcite with warm acetic acid and manganese hydroxides/oxides with ascorbic acid. Derust with oxalic acid.

A group of related zeolites expected to have similar physical and chemical properties. Data given here is for lévyne-Ca.

References

Mindat: <https://www.mindat.org/min-7154.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/levyneCa.pdf>

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www.johnbetts-fineminerals.com/jhbnyc/articles/minclean.htm

Tschernich, R. (1992) Zeolites of the World, 597 p. Geoscience Press, Inc., Phoenix, Arizona.

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