

Hilairite - $\text{Na}_2\text{Zr}[\text{SiO}_3]_3 \cdot 3\text{H}_2\text{O}$

Hardness: 4.5. Cleavage: None observed. Brittle. Attacked by HCl. May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-1901.html>

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

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