

Johnsomervilleite - $\text{Na}_3\text{CaFe}_{11}(\text{PO}_4)_9$

Hardness: 4.5. Cleavage: Perfect. Brittle. Attacked by HCl, H₂SO₄ or oxalic acid. May be sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-2107.html>

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

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