

Hagendorfite - $\text{NaCaMn}^{2+}\text{Fe}^{2+}_2(\text{PO}_4)_3$

Hardness: 3.5. Cleavage: Distinct/good. Brittle. Attacked by HCl, H₂SO₄ or oxalic acid. Likely sensitive to all acids to some extent.

References

Mindat: <https://www.mindat.org/min-1795.html>

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

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