

# **Cacoxenite - $\text{Fe}^{3+}_{24}\text{AlO}_6(\text{PO}_4)_{17}(\text{OH})_{12} \cdot 75\text{H}_2\text{O}$**

Hardness = 3 - 4. Cleavage: No data. Very delicate; avoid cleaning if possible. Washing by gentle swishing in alcohol. Rapidly soluble in acids, especially HCl.

## References

Mindat: <https://www.mindat.org/min-840.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.