

Caledonite - $\text{Pb}_5\text{Cu}_2(\text{SO}_4)_3(\text{CO}_3)(\text{OH})_6$

Hardness = 2.5 - 3. Cleavage: Perfect. Delicate. Rapidly soluble in HNO_3 . Partially soluble in HCl . Attacked by other acids. Avoid strong detergents, soap and ammonia. Tolerates sonication but use distilled water only.

References

Mindat: <https://www.mindat.org/min-865.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/caledonite.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.