

Clinoclase - $\text{Cu}_3(\text{AsO}_4)(\text{OH})_3$

Hardness = 2.5 - 3. Cleavage: Perfect. Readily attacked by HCl, HNO₃ and H₂SO₄. Slightly soluble in NH₃. Some samples survive dithionite treatment without loss of color or luster, but crystals may be lost due to clay matrix disintegration. Other samples dulled.

References

Mindat: <https://www.mindat.org/min-1055.html>

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