

Eudialyte -

$\text{Na}_{15}\text{Ca}_6\text{Fe}_3\text{Zr}_3\text{Si}(\text{Si}_{25}\text{O}_{73})(\text{O},\text{OH},\text{H}_2\text{O})_3(\text{Cl},\text{OH})_2$

Hardness: 5 - 6. Cleavage: Perfect. Crystals commonly cracked and liable to disintegrate if removed from matrix. Attacked by HCl with gel formation.

References

Mindat: <https://www.mindat.org/min-1420.html>

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