

Kukharenkoite group - $\text{Ba}_2\text{Ce}(\text{CO}_3)_3\text{F}$

Hardness: 4.5. Cleavage: None observed. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

A group of minerals, expected to have similar physical and chemical properties, in which Ce and La may substitute. Data given for kukharenkoite-(Ce).

References

Mindat: <https://www.mindat.org/min-7146.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/kukharenkoite-Ce.pdf>

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