

Ankoleite - $\text{K}_2(\text{UO}_2)_2(\text{PO}_4)_2 \cdot 6\text{H}_2\text{O}$

Hardness: 2–3 (meta-ankoleite). Cleavage: Perfect (meta-ankoleite). Radioactive. Soluble with difficulty in oxalic acid or H_2SO_4 . Readily soluble in HCl .

Varieties/related species (treat same as ankoleite): Meta-ankoleite.

References

Mindat: <https://www.mindat.org/min-6803.html>

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

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

Rowan, A. (2017) Here be dragons or the care and feeding of radioactive mineral species.

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