

# **Althupite - $\text{AlTh}(\text{UO}_2)_7(\text{PO}_4)_4(\text{OH})_5\text{O}_2 \cdot 15\text{H}_2\text{O}$**

Hardness: 3.5–4. Cleavage: No data. Radioactive. Likely sensitive to acids.

## References

Mindat: <https://www.mindat.org/min-149.html>

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

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

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