

Lanmuchangite - $\text{Tl}^+\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

Hardness: 3–3.5. Cleavage: No data. Brittle. Very likely toxic. Water sensitive/soluble and therefore intolerant of any aqueous treatment.

References

Mindat: <https://www.mindat.org/min-11003.html>

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

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