

Berthierine - $(\text{Fe}^{2+}, \text{Fe}^{3+}, \text{Al})_3(\text{Si}, \text{Al})_2\text{O}_5(\text{OH})_4$

Hardness: 2.5. Cleavage: No data. Attacked by HCl or oxalic acid.

References

Mindat: <https://www.mindat.org/min-639.html>

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

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