

Tiettaite - $\text{K}_4\text{Na}_{12}\text{Fe}^{3+}\text{Si}_{16}\text{O}_{41}(\text{OH})_4 \cdot 2\text{H}_2\text{O}$

Hardness: 3. Cleavage: Perfect. Very sensitive to HCl. May be sensitive to H_2SO_4 . Attacked by oxalic acid. Dehydrates in dry air; store in sealed container.

References

Mindat: <https://www.mindat.org/min-3959.html>

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

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