

Vernadite - $(\text{Mn}^{4+}, \text{Fe}^{3+}, \text{Ca}, \text{Na})(\text{O}, \text{OH})_2 \cdot n\text{H}_2\text{O}$

Hardness: 2. Cleavage: None observed. Very sensitive to HCl. Attacked by H_2SO_4 or oxalic acid.

References

Mindat: <https://www.mindat.org/min-4171.html>

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

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