

Manjiroite - $\text{Na}(\text{Mn}^{4+}_7\text{Mn}^{3+})\text{O}_{16}$

Hardness: 3–3.5. Cleavage: None observed. Brittle. Very sensitive to HCl. Attacked by oxalic acid.
May be sensitive to H_2SO_4 .

References

Mindat: <https://www.mindat.org/min-2566.html>

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

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