

Kolicite - $\text{Mn}^{2+}_7\text{Zn}_4(\text{AsO}_4)_2(\text{SiO}_4)_2(\text{OH})_8$

Hardness: 4.5. Cleavage: None observed. Brittle. Very sensitive to HCl.

References

Mindat: <https://www.mindat.org/min-2241.html>

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

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