

Mottramite - $\text{PbCu}(\text{VO}_4)(\text{OH})$

Hardness: 3 - 3.5. Cleavage: None observed. Easily soluble in acids, including dilute HNO_3 . Sensitive to NH_3 . Tolerates all dithionite recipes but use caution as associated copper minerals may darken.

References

Mindat: <https://www.mindat.org/min-2792.html>

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

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.