

Phosphogartrellite - $\text{PbCuFe}^{3+}(\text{PO}_4)_2(\text{OH}, \text{H}_2\text{O})_2$

Hardness: 4.5. Cleavage: No data. Likely sensitive to acids, alkalis and dithionite.

References

Mindat: <https://www.mindat.org/min-7233.html>

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

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