

Macphersonite - $\text{Pb}_4(\text{CO}_3)_2(\text{SO}_4)(\text{OH})_2$

Hardness: 2.5–3. Cleavage: Perfect. Soluble in 5–10% HCl with effervescence. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

References

Mindat: <https://www.mindat.org/min-2513.html>

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

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