

Sidpietersite - $\text{Pb}^{2+}_4(\text{S}_2\text{O}_3)\text{O}_2(\text{OH})_2$

Hardness: 1–2. Cleavage: No data. Duthaler reports soluble in 5–10% HCl with effervescence, but this is clearly an error as neither the Mindat or Handbook of Mineralogy formulas contain carbonate. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

References

Mindat: <https://www.mindat.org/min-7293.html>

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

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