

Argentojarosite - $\text{AgFe}^{3+}_3(\text{SO}_4)_2(\text{OH})_6$

Hardness: 3.5–4.5. Cleavage: Distinct/good. Soluble with difficulty in HCl (with likely AgCl precipitation) or H_2SO_4 (with possible Ag_2SO_4 precipitation).

References

Mindat: <https://www.mindat.org/min-290.html>

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

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