

Haapalaite - $(\text{Fe}^{2+}, \text{Ni})_2(\text{Mg}, \text{Fe}^{2+})_{1.61}\text{S}_2(\text{OH})_{3.22}$

Hardness: 1. Cleavage: No data. Attacked by HCl or H₂SO₄. May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-1788.html>

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

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