

Samarskite-(Y) - $\text{YFe}^{3+}\text{Nb}_2\text{O}_8$

Hardness: 5 - 6. Cleavage: Poor/indistinct. May be radioactive. Crystals have excellent chemical resistance. Powder may be slightly attacked by concentrated acids.

References

Mindat: <https://www.mindat.org/min-3512.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/samarskite-Y.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.