

Mountkeithite - $[(\text{Mg}_{1-x}\text{Fe}^{3+}_x)(\text{OH})_2][\text{SO}_4]_{x/2} \cdot n\text{H}_2\text{O}$

Hardness: 2. Cleavage: Perfect. Fragile. Very sensitive to HCl. Attacked by H_2SO_4 . May be sensitive to oxalic acid.

References

Mindat: <https://www.mindat.org/min-2796.html>

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

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