

Deveroite-(Ce) - $\text{Ce}_2(\text{C}_2\text{O}_4)_3 \cdot 10\text{H}_2\text{O}$

Hardness: 2–2.5. Cleavage: Perfect. Brittle. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid.

The nonahydrate is very slightly soluble in water, soluble in H_2SO_4 or HCl and insoluble in oxalic acid, alkalis or alcohols. Similar behavior is expected for the decahydrate.

References

Mindat: <https://www.mindat.org/min-43870.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/deveroite-Ce.pdf>

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

Weast, R., Ed. (1982) CRC Handbook of Chemistry and Physics, 63rd Edition, 2380 p., CRC Press, Inc., Cleveland.