Zincrosasite

\((\text{Zn}, \text{Cu})_2(\text{CO}_3)(\text{OH})_2\)

Crystal Data: Monoclinic (by analogy to rosasite). Point Group: n.d. Radial fibrous, to 1.5 mm; in crusts.


Cell Data: Space Group: n.d. \(Z = \text{n.d.}\)

X-ray Powder Pattern: n.d.

Chemistry: (1) Tsumeb, Namibia; no analysis presented, stated to have a ratio of \(\text{Zn}:\text{Cu} = 58.60:51.94\) or greater.

Mineral Group: Rosasite group.

Occurrence: In an oxidized zone of a dolostone-hosted hydrothermal polymetallic ore deposit (Tsumeb, Namibia).

Association: Azurite, cerussite, hemimorphite (Tsumeb, Namibia); cerussite, australianite, malachite (Rudabanya, Hungary).

Distribution: From Tsumeb, Namibia. At Rudabanya, Hungary. In the Kamariza mine, Laurium, Greece.

Name: For its predominance of zinc content over copper content, and its relation to rosasite.

Type Material: Technical University, Berlin; National Museum of Natural History, Washington, D.C., USA, 163340.