**Carobbiite**

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**Crystal Data:** Cubic. Point Group: $4/m \overline{3} 2/m$. As minute cubic crystals, intermixed with other minerals.


**Optical Properties:** Semitransparent. Color: Colorless. Optical Class: Isotropic. $n = 1.362$

**Cell Data:** Space Group: $Fm\overline{3}m$ (synthetic). $a = 5.40$ Z = 4

**X-ray Powder Pattern:** Synthetic. 2.675 (100), 1.8913 (45), 3.088 (21), 1.5443 (10), 1.1959 (7), 1.6125 (6), 1.3370 (4)

**Chemistry:** Vesuvius, Italy; spectrographic analysis showed K and a little Na; microchemical analysis showed F and a little Cl.

**Occurrence:** In stalactites in cavities in lava.

**Association:** Halite, mercallite, hieratite.

**Distribution:** On Vesuvius, Campania, Italy.

**Name:** For Professor Guido Carobbi (1900–1983), Italian geologist, Institute of Mineralogy and Geochemistry, University of Florence, Florence, Italy, who collected the first specimens.

**Type Material:** University of Florence, Florence, Italy, 1972/l.