

Crystal Data: Monoclinic. *Point Group:* 2/m. As inclusions in over-substituted krupkaite (*bd*₅₆) as homogeneous grains or in lamellar intergrowths with Cu-bearing makovickyite.

Physical Properties: *Cleavage:* None. *Tenacity:* Brittle. *Fracture:* n.d. Hardness = n.d. D(meas.) = n.d. D(calc.) = 6.85

Optical Properties: Opaque. *Color:* Gray, grayish white in reflected light. *Streak:* Gray. *Luster:* Metallic.

Optical Class: Birefractance: Weak. *Anisotropism:* Moderate (air) to strong (oil), dark bluish gray to yellowish brown.

R₁-R₂: (470) 42.9-46.6, (546) 42.1-46.5, (589) 41.3-45.8, (650) 40.2-45.1

Cell Data: *Space Group:* C2/m. *a* = 13.380(2) *b* = 4.0007(6) *c* = 31.083(4) β = 93.064(2)° *Z* = 1

X-Ray Diffraction Pattern: Felbertal, Salzburg Province, Hohe Tauern, Austria. 2.834 (100), 3.457 (99), 3.607 (57), 3.436 (37), 3.340 (34), 2.874 (33), 2.256 (29)

Chemistry:	(1)
Cu	7.29
Ag	5.48
Pb	8.84
Cd	0.39
Bi	59.90
S	17.90
Total	99.80

(1) Felbertal, Salzburg Province, Hohe Tauern, Austria; average electron microprobe analysis; corresponds to Cu_{7.82}Ag_{3.46}Pb_{2.91}Cd_{0.24}Bi_{19.53}S_{38.05}.

Mineral Group: Cupropavonite homologous series with N = 4.5.

Occurrence: By exsolution from an originally homogeneous high-temperature phase in quartz veins in a metamorphosed hydrothermal scheelite deposit.

Association: Makovickyite, over-substituted krupkaite (*bd*₅₅), hodrušite, kupčikite.

Distribution: From the K8 orebody, Felbertal, Salzburg Province, Hohe Tauern, Austria.

Name: Suffix, *cupro*, indicates dominant copper in a phase related to cupromakovickyite and cupropavonite.

Type Material: Reference collection, Division of Mineralogy, University of Salzburg, Austria (14955).

References: (1) Topa D., E. Makovicky, G. Ilinca, and H. Dittrich (2012) Cupromakopavonite, Cu₈Ag₃Pb₄Bi₁₉S₃₈, a new mineral species, its crystal structure and the cupropavonite homologous series. *Can. Mineral.*, 50, 295-312. (2) Topa D., E. Makovicky, G. Ilinca, and H. Dittrich (2012) Cupromakopavonite, Cu₈Ag₃Pb₄Bi₁₉S₃₈, a new mineral species, its crystal structure and the cupropavonite homologous series: Erratum. *Can. Mineral.*, 50, 773. (3) Borisov, S.V., S.A. Magarill, and N.V. Pervukhina (2015) Crystallographic analysis of modular structures of cupromakopavonite Cu₈Ag₃Pb₄Bi₁₉S₃₈ and heyrovskyite Pb₆Bi₂S₉ minerals. *Crystallography Reports*, 60(6), 791-796.