

Crystal Data: Orthorhombic. *Point Group:* 2/m 2/m 2/m.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:* *Hardness =*
VHN = *D*(meas.) = *D*(calc.) =

Optical Properties: *Color:* *Streak:* *Luster:*
Optical Class:

Cell Data: *Space Group:* *Pbam.* *a* = 21.331(4) *b* = 26.435(5) *c* = 4.006(1)

X-ray Powder Pattern: Kudriavy Volcano, Iturup Island, Kurile Islands, Russia.
2.743 (100), 3.37 (80), 3.98 (70), 3.56 (60), 2.008 (50), 3.239 (40), 2.936 (40)

Chemistry:

Occurrence:

Association:

Distribution: From Kudriavy Volcano, Iturup Island, Kurile Islands, Russia.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (4558/1).

References: (1) Williams, P.A., F. Hatert, M. Pasero, and S.J. Mills (2014) IMA Commission on new minerals, nomenclature and classification (CNMNC) Newsletter 21. New minerals and nomenclature modifications approved in 2014. *Mineral. Mag.*, 78, 801.