

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

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

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

**Cell Data:** *Space Group:* Pbcn. *a* = 5.3223(1) *b* = 14.1255(3) *c* = 12.0047(3)

**X-Ray Diffraction Pattern:** Arsenatnaya fumarole, Tolbachik volcano, Kamchatka peninsula, Far-Eastern Region, Russia.  
4.001 (100), 2.642 (68), 3.479 (56), 3.041 (45), 2.657 (44), 2.613 (36), 3.527 (31), 2.998 (29)

**Chemistry:**

**Polymorphism & Series:**

**Mineral Group:** The arsenate analogue of moraskoite.

**Occurrence:**

**Association:**

**Distribution** From the Arsenatnaya fumarole, Second scoria cone of the Northern Breakthrough of the Great Tolbachik Fissure Eruption, Tolbachik volcano, Kamchatka peninsula, Far-Eastern Region, Russia.

**Name:**

**Type Material:** A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5418/1).

**References:** (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 52. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83, 890.