

Crystal Data: Monoclinic. *Point Group:* 2/m, 2, or m.

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

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

Cell Data: *Space Group:* C2/m, C2 or Cm. *a* = 5.240(2) *b* = 9.054(4) *c* = 10.761(4) β = 99.58(4)°

X-Ray Diffraction Pattern: Darai-Pioz glacial moraine, Alai Mountain range, Tien Shan, Rashtskiy district, Tajikistan.

2.583 (100), 2.610 (72), 2.190 (67), 3.70 (47), 2.241 (38), 3.45 (36), 3.00 (34), 4.49 (31)

Chemistry:

Polymorphism & Series:

Mineral Group: Mica group.

Occurrence:

Association:

Distribution From the moraine of the Darai-Pioz glacier, Alai Mountain range, Tien Shan, Rashtskiy district, Tajikistan.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (4935/1).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 51. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83, 760.