

Crystal Data: Orthorhombic. *Point Group:* *mm2*.

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

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

Cell Data: *Space Group:* *Ama2*. *a* = 22.238(5) *b* = 10.497(3) *c* = 9.649(2)

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

2.992 (100), 4.420 (73), 2.939 (56), 3.287 (53), 2.779 (47), 2.606 (40), 3.203 (39), 4.281 (35)

Chemistry:

Polymorphism & Series:

Mineral Group: The Zn analogue of byelorussite-(Ce).

Occurrence:

Association:

Distribution In the moraine of Darai-Pioz glacier, Alai mountain range, Tien Shan, Rashtskii district, Tajikistan.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5281/1).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2020) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 54. New minerals and nomenclature modifications approved in 2020. *Mineral. Mag.*, 84, 360.