

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:* *Pbca.* *a* = 6.905(2) *b* = 7.017(2) *c* = 11.797(3)

X-Ray Diffraction Pattern: Minamichiyoda, Shosanbetsu village, Rumoi Subprefecture, Hokkaido, Japan.
2.950 (100), 2.123 (65), 4.542 (58), 2.244 (56), 2.711 (52), 3.774 (48), 2.136 (47), 2.409 (41)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution From Minamichiyoda, Shosanbetsu village, Rumoi Subprefecture, Hokkaido, Japan.

Name: For the district in Japan where the studied material was collected.

Type Material: National Museum of Nature and Science, Tsukuba, Japan (NSM-M46178 holotype and M46179 cotype).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 49. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83(3), 481.