

**Crystal Data:** Cubic. *Point Group:*  $4/m\bar{3}2/m$ .

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

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

**Cell Data:** *Space Group:*  $Pm\bar{3}m$ .  $a = 2.977(1)$

**X-Ray Diffraction Pattern:** Haraigawa, Misato machi, Kumamoto Prefecture, Kyushu, Japan.  
2.103 (100), 1.216 (70), 1.487 (15), 1.332 (6), 1.717 (3)

**Chemistry:**

**Polymorphism & Series:**

**Mineral Group:**

**Occurrence:**

**Association:**

**Distribution** From Haraigawa, Misato machi, Kumamoto Prefecture, Kyushu, Japan.

**Name:**

**Type Material:** National Museum of Nature and Science, Tsukuba, Japan (NSM-46298 holotype and NSM-16299 cotype).

**References:** (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2020) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 53. *Mineral. Mag.*, 84, 161.