Tetrahedrite-(Mn) $Cu_6(Cu_4Mn_2)Sb_4S_{13}$

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

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

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

Cell Data: *Space Group: I*$\bar{4}$ 3*m*. *a* = 10.35953(6)

X-Ray Diffraction Pattern: Teine mine, Sapporo, Hokkaido, Japan.
2.995 (100), 1.833 (29), 2.593 (15), 1.563 (12), 3.669 (9), 2.445 (7), 2.773 (6)

Chemistry:

Polymorphism & Series:

Mineral Group: Tetrahedrite group.

Occurrence:

Association:

Distribution: From the Teine mine, Sapporo, Hokkaido, Japan.

Name:

Type Material: National Museum of Nature and Science, Tsukuba, Ibaraki, Japan (MSN-M49019).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2022) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 65. Eur. J. Mineral., 34, 147.