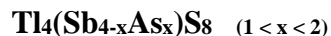


Drechslerite



Crystal Data: Triclinic. *Point Group:* $\bar{1}$.

Physical Properties: *Cleavage:* *Tenacity:* *Fracture:*

Hardness = D(meas.) = D(calc.) =

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

Optical Class:

Cell Data: *Space Group:* $P\bar{1}$. $a = 6.041(1)$ $b = 6.166(1)$ $c = 11.573(2)$ $\alpha = 100.89(3)^\circ$

$\beta = 99.17(3)^\circ$ $\gamma = 104.54(3)^\circ$

X-Ray Diffraction Pattern: Lengenbach quarry, Binn Valley, Valais, Switzerland.

2.898 (100), 3.613 (89), 3.495 (81), 2.917 (77), 3.605 (72), 2.773 (76), 2.248 (66), 2.296 (50)

Chemistry:

Polymorphism & Series:

Mineral Group: Related to lorándite and weissbergite.

Occurrence:

Association:

Distribution From Lengenbach quarry, Binn Valley, Valais, Switzerland.

Name:

Type Material: Natural History Museum, Vienna, Austria (O1181 holotype) and the Natural History Museum, Basel, Switzerland (S209 cotype).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 52. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83, 889.