

**Crystal Data:** Orthorhombic. *Point Group:*  $2/m\ 2/m\ 2/m$ . As spherical aggregates of prismatic crystals to 0.5 mm, elongated along [010].

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

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

**Cell Data:** *Space Group:*  $Pnma$ .  $a = 9.554(5)$   $b = 5.534(3)$   $c = 9.429(5)$   $Z = 4$

**X-Ray Diffraction Pattern:** Kleines Fleisstal, Carinthia, Austria.  
4.30 (100), 6.76 (99), 2.641 (95), 4.25 (87), 3.378 (70), 2.386 (67), 2.676 (57)

**Chemistry:**

**Mineral Group:** The  $\text{Fe}^{2+}$  equivalent of gravegliaite.

**Occurrence:** In an alpine cleft.

**Association:** Quartz, muscovite, monazite-(Ce), siderite, pyrite.

**Distribution:** At Mokritzen, Kleines Fleisstal, ~4 km west of Mt. Hoher Sonnblick, Carinthia, Austria.

**Name:** For its type locality Kleines *Fleisstal*.

**Type Material:** Mineralogical collection, Universalmuseum Joanneum, Graz, Austria (85.515).

**References:** (1) Walter, F. and H.P. Bojar (2017) Fleisstalite,  $\text{Fe}^{2+}(\text{SO}_3)\cdot 3\text{H}_2\text{O}$ , a new sulfite mineral species. *Mitteilungen der Österreichischen Mineralogischen Gesellschaft*, 163, 92 (abstract).  
(2) Hålenius U, F. Hatert, M. Pasero, and S.J. Mills (2016) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 33. New minerals and nomenclature modifications approved in 2016. *Mineral. Mag.*, 80, 1136-1137.