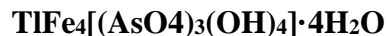


**Thalliumpharmacosiderite**

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

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

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

*Optical Class:*

**Cell Data:** *Space Group:*  $P\bar{4} 3m$ .  $a = 7.987(8)$   $Z = 1$

**X-ray Powder Pattern:** Crven Dol Canyon, Rozsdan region, Macedonia.

2.832 (100), 2.525 (87), 1.784 (73), 3.266 (67), 2.414 (60), 2.309 (60), 2.665 (53)

**Chemistry:**

**Polymorphism & Series:**

**Mineral Group:** Pharmacosiderite group, pharmacosiderite supergroup.

**Occurrence:**

**Association:**

**Distribution:** From Crven Dol Canyon, Rozsdan region, Macedonia [TL].

**Name:** Indicates the thallium analog of pharmacosiderite.

**Type Material:** Museum Victoria, Melbourne, Australia (M52852 and M52853) and the Type Collection, Natural History Museum, London, England (BM 2013,151).

**References:** (1) Williams, P.A., F. Hatert, M. Pasero, and S.J. Mills (2014) IMA Commission on new minerals, nomenclature and classification (CNMNC) Newsletter 20. New minerals and nomenclature modifications approved in 2014. *Mineral. Mag.*, 78, 553.