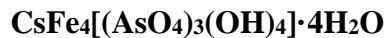


Caesiumpharmacosiderite



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

Physical Properties:

Optical Properties:

Cell Data: *Space Group:* $P\bar{4}3m$. $a = 7.9637(11)$ $Z = 1$

X-ray Powder Pattern: Wendy pit, Tambo mine, Elqui Province, Coquimbo Region, Chile. 8.04 (100), 3.270 (40), 2.831 (31), 4.627 (23), 2.532 (22), 2.415 (22), 4.009 (17)

Chemistry:

Mineral Group: Pharmacosiderite group.

Occurrence: Secondary in the oxidation zone of an ore deposit.

Association:

Distribution: From Wendy pit, Tambo mine, Elqui Province, Coquimbo Region, Chile [TL] and Puna Plateau, Tuzgle volcano, Susques Department, Jujuy, Argentina.

Name: Identifies a cesium-dominant member of the pharmacosiderite group.

Type Material: Natural History Museum of Los Angeles County, Los Angeles, California, USA, (63205) and Museum Victoria, Melbourne, Victoria, Australia (M52762 and M52763).

References: (1) Williams, P.A., F. Hatert, M. Pasero, and S.J. Mills (2013) IMA Commission on new minerals, nomenclature and classification (CNMNC) Newsletter 18. New minerals and nomenclature modifications approved in 2013. *Mineral. Mag.*, 77, 3257.