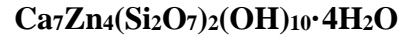


Khurayyimite

Crystal Data: Monoclinic. *Point Group:* 2/m.

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

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

Cell Data: *Space Group:* $P2_1/c$. $a = 11.2450(8)$ $b = 9.0963(5)$ $c = 14.068(1)$ $\beta = 113.237(8)^\circ$

X-Ray Diffraction Pattern: Daba-Siwaqa area, ~80 km south of Amman, Jordan.
3.833 (100), 10.311 (81), 2.952 (67), 5.455 (59), 2.661 (57), 2.908 (55), 3.408 (42), 3.215 (34)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence: In pyrometamorphic rock.

Association:

Distribution From the Northern part of the Daba-Siwaqa area, Hatrurim Complex, ~80 km south of Amman, Jordan.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5298/1).

References: (1) Miyawaki R., F. Hatert, M. Pasero, and S.J. Mills (2019) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 45. New minerals and nomenclature modifications approved in 2019. *Mineral. Mag.*, 83(2), 316.