

Crystal Data: Hexagonal. *Point Group:* 6/m 2/m 2/m.

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

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

Cell Data: *Space Group:* P6₃/mmc. *a* = 5.8532(4) *c* = 22.7730(2)

X-Ray Diffraction Pattern: "Olive unit", Hatrurim Complex, Negev Desert, near Arad city, Israel.
2.695 (100), 2.508 (94), 1.571 (46), 1.398 (42), 2.795 (40), 2.306 (39), 1.594 (31), 2.136 (27)

Chemistry:

Polymorphism & Series:

Mineral Group: The potassium analogue of zoharite.

Occurrence:

Association:

Distribution From the "Olive unit", Hatrurim Complex, Negev Desert, near Arad city, Israel.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5420/1).

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, 892.