Gmalimite

$K_6Fe^{2+}_{24}S_{27}$

Crystal Data: Cubic. $Point \ Group: 4/m \ 3 \ 2/m$.

Physical Properties: Cleavage: Tenacity: Fracture:

Hardness = D(meas.) = D(calc.) =

Optical Properties: Color: Streak: Luster:

Optical Class:

Cell Data: $Space \ Group: Pm\bar{3} \ m$. $a = 10.34863(8)$


1.831 (100), 10.357 (91), 5.979 (59), 2.990 (58), 3.123 (56), 2.376 (50), 7.323 (33), 1.057 (14)

Chemistry:

Polymorphism & Series:

Mineral Group: The potassium analogue of zoharite.

Occurrence:

Association:

Distribution From Halamish wadi, southern part of the Hatrurim Complex, Negev Desert, Israel.

Name:

Type Material: A.E. Fersman Mineralogical Museum, RAS, Moscow, Russia (5297/1).