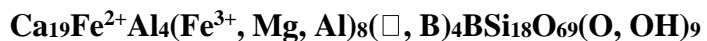


Hongheite



Crystal Data: Tetragonal. *Point Group:* 4/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:* P4/nnc. $a = 15.667(1)$ $c = 11.725(2)$

X-Ray Diffraction Pattern: Malage skarn deposit, Gejiu Ore Field, Yunnan Province, China.
2.766 (100), 2.608 (68), 2.929 (47), 2.480 (29), 2.589 (27), 3.504 (23), 5.850 (15)

Chemistry:

Polymorphism & Series:

Mineral Group: Vesuvianite group.

Occurrence:

Association:

Distribution: From the Bai Shanchong granite, Malage skarn deposit, northeastern border of the Gejiu Tin Polymetallic Ore Field, Yunnan Province, China.

Name:

Type Material: Geological Museum of China, Beijing, People's Republic of China (M13579).

References: (1) Hålenius, U., F. Hatert, M. Pasero, and S.J. Mills (2017) IMA Commission on New Minerals, Nomenclature and Classification Newsletter 39. New minerals and nomenclature modifications approved in 2017. *Mineral. Mag.*, 81(5), 1283.