

Thorasphite



Crystal Data: Orthorhombic. *Point Group:* 2/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:* *Pbcn.* *a* = 13.673(3) *b* = 9.925(2) *c* = 10.222(2)

X-Ray Diffraction Pattern: Elsmore Tin Mine, Elsmore, New South Wales, Australia.
8.007 (100), 4.934 (71), 5.127 (57), 4.251 (38), 3.189 (27), 2.926 (27), 4.320 (24)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence:

Association:

Distribution: From the Elsmore Tin Mine, Elsmore, New South Wales, Australia.

Name:

Type Material: South Australian Museum, Adelaide, South Australia, Australia (G34702).

References: (1) Hålenius, U., F. Hatert, M. Pasero, and S.J. Mills (2018) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 41. New minerals and nomenclature modifications approved in 2018. *Mineral. Mag.*, 82(1), 230.