

Crystal Data: Monoclinic. *Point Group:* 2/m. As tabular crystals flattened on {100}, to 200 μm.

Physical Properties: *Cleavage:* Perfect on {100}. *Fracture:* n.d. *Tenacity:* Brittle.
Hardness = n.d. D(meas.) = n.d. D(calc.) = 5.147

Optical Properties: Transparent. *Color:* Colorless. *Streak:* n.d. *Luster:* Pearly to adamantine.

Optical Class: n.d.

Cell Data: Space Group: *P*2₁/*c*. *a* = 7.358(2) *b* = 10.544(3) *c* = 9.489(2) β = 91.88(2)° *Z* = 4

X-ray Powder Pattern: Su Seinargiu, Sarroch, Cagliari, Sardinia, Italy.
3.546 (vs), 3.177 (s), 5.28 (m), 5.20 (m), 5.04 (m), 4.756 (m), 3.688 (m)

Chemistry:	(1)	(2)
MoO ₃	49.38	46.33
ThO ₂	45.39	50.51
H ₂ O	[3.09]	3.16
Total	97.86	100.00

(1) Su Seinargiu, Sarroch, Cagliari, Sardinia, Italy; average of 6 electron microprobe analyses, H₂O calculated from structure. (2) Th(MoO₄)₂·H₂O.

Mineral Group: Kamiokite group.

Occurrence: In hydrothermal quartz veins by alteration of a Mo-Bi deposit.

Association: Muscovite, xenotime-(Y), ichnusaite.

Distribution: In the Mo-Bi mineralization at Su Seinargiu, Sarroch, Cagliari, Sardinia, Italy.

Name: From “*nuraghe*”, the main type of ancient megalithic building found in Sardinia, Italy, and the symbol of Sardinia and the Nuragic civilization.

Type Material: Natural History Museum, University of Pisa, Italy (19680).

References: (1) Orlandi, P., C. Biagioni, L. Bindi, and S. Merlino (2015) Nuragheite, Th(MoO₄)₂·H₂O, the second natural thorium molybdate and its relationships to ichnusaite and synthetic Th(MoO₄)₂. *Amer. Mineral.*, 100, 267-273.