Beershevaite $CaFe^{3+}_3(PO_4)_3O$

Crystal Data: Monoclinic. *Point Group*: 2/*m*.

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

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

Cell Data: *Space Group: P*$2_1/m$. a = 7.498(5) b = 6.356(4) c = 10.128(7) β = 99.88(1)°

X-Ray Diffraction Pattern: Halamish Wadi, Hatrurim basin, southern Negev Desert, Israel.
4.52 (100), 3.696 (98), 3.182 (95), 2.947 (91), 3.85 (72), 2.865 (48), 2.756 (42), 10.08 (39)

Chemistry:

Polymorphism & Series:

Mineral Group:

Occurrence: In paralavas.

Association:

Distribution: From Halamish Wadi, Hatrurim basin, southern Negev Desert, Israel.

Name:

Type Material: A.E. Fersman Mineralogical Museum, Russian Academy of Sciences, Moscow, Russia (5628/1).

References: (1) Miyawaki, R., F. Hatert, M. Pasero, and S.J. Mills (2021) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 61. Eur. J. Mineral., 33, 302.