

Hedegaardite

Crystal Data: Hexagonal. *Point Group:* 3m.

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

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

Cell Data: *Space Group:* R3c. *a* = 10.3519(9) *c* = 37.064(5)

X-ray Powder Pattern: Chile.

2.862 (100), 2.595 (68), 3.190 (61), 5.189 (37), 3.431 (35), 1.715 (33), 1.922 (25)

Chemistry:

Mineral Group: Cerite, supergroup, merrillite group, whitlockite subgroup.

Occurrence:

Association:

Distribution: From Punta de Lobos, Rio Seco, 90 km south of Iquique, Tarapacá Region and Cerro Mejillones, Mejillones Peninsula, Mejillones, Antofagasta Region, Chile.

Name:

Type Material: Mineralogical collection, Bergakademie, Freiberg, Germany (83808 Punta de Lobos and 83809 Cerro Mejillones).

References: (1) Williams, P.A., F. Hatert, M. Pasero, and S.J. Mills (2015) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 23. New minerals and nomenclature modifications approved in 2014 and 2015. *Mineral. Mag.*, 79, 54.