Lisanite
CaNiP$_2$O$_7$

Crystal Data: Triclinic.  Point Group: $\overline{1}$.

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

Optical Properties:  Color:  Streak:  Luster:

Optical Class:

Cell Data: Space Group: $P\overline{1}$.  $a = 6.474(2)$  $b = 6.526(2)$  $c = 6.519(2)$  $\alpha = 66.57(3)^\circ$
$\beta = 82.77(2)^\circ$  $\gamma = 87.35(2)^\circ$

2.835 (100), 3.029 (51), 2.994 (45), 3.214 (21), 2.970 (17), 4.389 (13), 1.772 (10)

Chemistry:

Polymorphism & Series:

Mineral Group: The Ni analogue of anastasenkoite.

Occurrence:

Association:

Distribution: From Halamish Wadi (Nahal Halamish), Hatrurim basin, Negev Desert, Israel.

Name:

Type Material: A.E. Fersman Mineralogical Museum, Russian Academy of Sciences, Moscow, Russia (5629/1).