

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

Physical Properties:

Optical Properties:

Cell Data: *Space Group:* $P2_1c$. $a = 19.057(7)$ $b = 17.039(6)$ $c = 12.911(5)$ $\beta = 89.993(6)^\circ$

X-Ray Diffraction Pattern: Barika gold deposit, Sardasht, West Azerbaijan Province, Iran. 3.282 (100), 2.885 (80), 3.412 (65), 2.130 (48), 2.733 (42), 3.724 (40), 3.228 (40)

Chemistry:

Mineral Group: Lillianite Homologous Series.

Occurrence:

Association:

Distribution: At the Barika gold deposit, Sardasht, West Azerbaijan Province, Iran.

Name:

Type Material: Department of Materials Engineering and Physics, University of Salzburg, Salzburg, Austria (15011).

References: (1) Topa, D., E. Makovicky, H. Putz, G. Zagler, and H. Tajjedin (2013) Arsenquatradorite, IMA 2012-087. in P.A. Williams, et al. CNMNC Newsletter No. 16, Mineral. Mag., 77, 2696-2697.