

Crystal Data: Hexagonal. *Point Group:* 6/m 2/m 2/m. As aggregates of prismatic and/or granular crystals to 1 mm.

Physical Properties: *Cleavage:* Indistinct, poor on (0001). *Tenacity:* Brittle. *Fracture:* n.d. Hardness = 6-6.5 D(meas.) = 2.71-2.72 D(calc.) = 2.73

Optical Properties: Transparent. *Color:* Pinkish purple. *Streak:* Pale purple to white. *Luster:* Vitreous. *Optical Class:* Uniaxial (-). $\omega = 1.577\text{-}1.586$ $\varepsilon = 1.575\text{-}1.585$ *Pleochroism:* Weak.

Cell Data: *Space Group:* P6/mcc. $a = 9.9830(4)$ $c = 13.9667(5)$

X-Ray Diffraction Pattern: Cerchiara mine, Faggiona, Borghetto Vara-Pignone, Liguria, Italy. 4.32 (100), 3.18 (92), 2.86 (70), 4.06 (38), 3.48 (30), 2.71 (18), 2.49 (18)

Chemistry:	(1)
SiO ₂	72.20
TiO ₂	0.43
Al ₂ O ₃	7.06
Fe ₂ O ₃	1.92
Mn ₂ O ₃	2.42
MgO	0.04
CaO	0.01
Na ₂ O	6.17
K ₂ O	4.68
<u>Li₂O</u>	<u>4.59</u>
Total	99.52

(1) Cerchiara mine, Faggiona, Borghetto Vara-Pignone, La Spezia, Liguria, Italy; average electron microprobe analysis supplemented by laser-induced breakdown spectroscopy; corresponds to K_{0.99}Na_{1.99}(Al_{1.38}Mn³⁺_{0.31}Fe³⁺_{0.24}Ti_{0.05}Mg_{0.01})_{Σ=1.99}Li_{3.06}Si_{11.99}O₃₀.

Mineral Group: Osumilite (milarite) group.

Occurrence: In interstices in manganiferous ophiolitic metacherts.

Association: Quartz, K-feldspar.

Distribution: From the Cerchiara mine, Faggiona, Borghetto Vara-Pignone, La Spezia, Liguria, Italy.

Name: The prefix identifies the Al-analogue of *sugilite*, which honors Ken-ichi *Sugi* (1901-1948) of the Kyushu Imperial University.

Type Material: National Museum of Nature and Science, Tsukuba, Japan (NSM-MF-16503).

References: (1) Nagashima, M., C. Fukuda, T. Matsumoto, T. Imaoka, G. Odicino, and G. Armellino (2020) Aluminosugilite, KNa₂Al₂Li₃Si₁₂O₃₀, an Al analogue of sugilite, from the Cerchiara mine, Liguria, Italy. Eur. J. Mineral., 32(1), 57-66.