Crystal Data: Triclinic. *Point Group*: $\bar{1}$. As thin platy grains, to 3 mm, in rims on baratovite or complexly intergrown with baratovite and fluorite.

Physical Properties: *Cleavage*: n.d. *Fracture*: n.d. *Tenacity*: Brittle.
Hardness = 4-4.5 VHN = 445 (250 g load). D(meas.) = 2.83(2) D(calc.) = 2.819

Optical Properties: Transparent. *Color*: Colorless. *Streak*: n.d. *Luster*: Vitreous.
Fluoresces bright white in SW UV.
Optical Class: Biaxial (+). α = 1.651(2) β = 1.655(2) γ = 1.657(2) 2V(meas.) = -72(2)°
2V(calc.) = -70.4° *Dispersion*: $r < v$, medium.

Cell Data: *Space Group*: $P\bar{1}$. a = 9.8156(9) b = 9.8249(9) c = 17.3087(16) α = 99.209(2)°
β = 94.670(2)° γ = 119.839(1)° Z = 1

X-ray Powder Pattern: Dara-i-Pioz glacier, Alai ridge, Tien-Shan Mountains, Tajikistan.
3.35 (100), 3.06 (90), 4.25 (60), 2.885 (55), 3.14 (20), 1.868 (17), 2.870 (10), 5.60 (9)

Chemistry:

	(1)
SiO_2	60.65
TiO_2	13.44
Nb_2O_5	0.11
CaO	14.52
K_2O	3.93
Na_2O	1.99
SrO	0.72
Rb_2O	0.13
F	1.30
Li_2O	3.76
$-O=F_2$	0.55
Total	100.24

(1) Dara-i-Pioz glacier, Tien-Shan Mountains, Tajikistan; average of 20 electron microprobe and ICP-OES analyses, corresponding to $(K_{1.97}Ba_{0.04}Rb_{0.03})_{\Sigma=2.05}Li_{6.00}(Na_{0.86}\square_{0.14})_{\Sigma=1.00}$ $(Ca_{6.16}Na_{0.67}Sr_{0.17})_{\Sigma=7.00}(Ti_{4.00}Nb_{0.02})_{\Sigma=4.02}Si_{24.01}O_{66}(F_{1.63}O_{0.37})_{\Sigma=2}$.

Occurrence: In a quartz-pectolite boulder in the moraine of a glacier eroding an alkaline massif.

Association: Baratovite, fluorite, quartz, pectolite, aegirine, luorite, polylithionite, neptunite, hyalotekite, sokolovaite, senkevichite, Ti-rich mica.

Distribution: In moraine of the Dara-i-Pioz glacier, Alai ridge, Tien-Shan Mountains, Tajikistan.

Name: Honors Faiziev Abdulkhak Radzhabovitch (b 1938), professor and member-correspondent of the Academy of Sciences, Republic of Tajikistan.

Type Material: A.E. Fersman Mineralogical Museum, Russian Academy of Science, Moscow.

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