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Crystal Data: Cubic. Point Group: $\overline{4}3m$. As fine-grained polycrystalline aggregates.

Physical Properties: Hardness = n.d. D(meas.) = n.d. D(calc.) = 2.676

Optical Properties: Semitransparent. *Color:* White. *Optical Class:* Isotropic. n = 1.565(2)

Cell Data: Space Group: $P\overline{4}3m$. a = 7.745(1) Z = [1]

X-ray Powder Pattern: Guanaco, Chile.

7.77(100), 2.739(60), 4.48(50), 3.16(50), 3.87(40), 2.335(40), 2.452(30)

Chemistry:		(1)	(2)
	As_2O_5	44.3	46.03
	Al_2O_3	24.0	27.23
	Fe_2O_3	3.9	
	CuO	trace	
	K_2O	7.5	6.29
	H_2O	20.3	20.45
	Total	100.0	100.00

(1) Guanaco, Chile; by electron microprobe, average of four analyses, total Fe as Fe_2O_3 , H_2O determined separately; after normalization to 79.7%, corresponds to $K_{1.24}(Al_{3.69}Fe_{0.38}^{3+})_{\Sigma=4.07}$ (AsO₄)₃(OH)₄•6.5H₂O. (2) KAl₄(AsO₄)₃(OH)₄•6.5H₂O.

Occurrence: With other oxidized arsenates on a museum specimen.

Association: Ceruleite, olivenite, schlossmacherite, mansfieldite, quartz.

Distribution: From the [Emma Luisa gold mine,] Guanaco district, about 100 km east-northeast of Taltal, Antofagasta, Chile.

Name: As the ALUMinum analog of pharmacosiderite.

Type Material: National Museum of Natural History, Washington, D.C., USA, 149527.

References: (1) Schmetzer, K., W. Horn, and H. Bank (1981) Alumopharmakosiderit, $KAl_4[(OH)_4|(AsO_4)_3] \cdot 6, 5H_2O$, ein neues Mineral. Neues Jahrb. Mineral., Monatsh., 97–102 (in German with English abs.). (2) (1981) Amer. Mineral., 66, 1099 (abs. ref. 1).