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Crystal Data: Monoclinic (by analogy to the halotrichite group). *Point Group:* 2. Fibrous, in massive parallel aggregates.

Physical Properties: Hardness = n.d. D(meas.) = 1.761 D(calc.) = n.d. Soluble in H₂O.

Optical Properties: Semitransparent. *Color:* White, purple on fractures across the fiber length. *Luster:* Silky.

Optical Class: Biaxial, weakly birefringent. Orientation: Extinction inclined $\leq 38^{\circ}$. $\alpha = \text{n.d.}$ $\beta = \text{n.d.}$ $\gamma = \text{n.d.}$ 2V(meas.) = n.d.

Cell Data: Space Group: n.d. Z = n.d.

X-ray Powder Pattern: n.d.

Chemistry:

	(1)	(2)
SO_3	35.35	34.98
Al_2O_3	5.14	5.57
Fe_2O_3	0.19	
Cr_2O_3	7.51	8.30
FeO	4.58	7.85
MnO	trace	
NiO	1.00	
MgO	1.85	
$\mathrm{H_2O^+}$	14.34	
$H_2^-O^-$	27.08	
H_2^- O		43.30
insol.	3.46	
Total	100.50	100.00

(1) Redington mine, California, USA; corresponds to $(Fe_{0.60}Mg_{0.43}Ni_{0.13})_{\Sigma=1.16}$ $(Al_{0.95}Cr_{0.93})_{\Sigma=1.88}(SO_4)_4 \cdot 21.57H_2O$. (2) $Fe(Cr,Al)_2(SO_4)_4 \cdot 22H_2O$ with Cr:Al = 1:1.

Mineral Group: Halotrichite group.

Occurrence: An oxidation product of pyrite.

Association: Magnesiocopiapite, pyrite.

Distribution: From the Redington mercury mine, Knoxville, Napa Co., California, USA.

Name: For its occurrence in the Redington mine, California, USA.

References: (1) Palache, C., H. Berman, and C. Frondel (1951) Dana's system of mineralogy, (7th edition), v. II, 529.