

Crystal Data: Hexagonal. *Point Group:* $\bar{3}$. As curved discoidal tablets, to 10 μm , flattened on {001} and bounded by indistinct forms in the [001] zone, possibly including {100} and {110}. Tablets form rosettes, to 100 μm .

Physical Properties: *Cleavage:* Poor on {001}. *Fracture:* Irregular. *Tenacity:* Brittle. *Hardness* = ~ 3 [by analogy with cualstibite]. *D(meas.)* = n.d. *D(calc.)* = 3.378

Optical Properties: Transparent to translucent. *Color:* Bright to amber-yellow. *Streak:* Pale yellow. *Luster:* Vitreous to resinous. *Optical Class:* Uniaxial (-). $\omega = 1.728(3)$ $\varepsilon = 1.66(1)$ *Pleochroism:* *O* = orange-yellow, *E* = pale orange-yellow. *Absorption:* *O* > *E*.

Cell Data: *Space Group:* $P\bar{3}$. $a = 5.3506(8)$ $c = 19.5802(15)$ $Z = 2$

X-ray Powder Pattern: Correc d'en Llinassos, Pyrénées-Orientales Department, France. 4.901 (100), 4.575 (83), 2.3539 (81), 1.8079 (48), 3.781 (34), 9.84 (30), 2.6853 (26)

Chemistry:	(1)	(2)
Na ₂ O	0.18	
MgO	0.86	
CuO	10.55	
NiO	16.37	29.93
Fe ₂ O ₃	16.64	16.00
Sb ₂ O ₅	30.54	32.42
As ₂ O ₅	1.66	
Cl	0.23	
-O=Cl ₂	0.05	
H ₂ O	[21.50]	21.65
Total	98.48	100.00

(1) Correc d'en Llinassos, Pyrénées-Orientales Department, France; average of 5 electron microprobe analyses, H₂O calculated from structure analysis; corresponding to $(\text{Ni}^{2+}_{1.10}\text{Cu}^{2+}_{0.67}\text{Mg}_{0.11}\text{Fe}^{3+}_{0.05})_{\Sigma=1.93}\text{Fe}^{3+}_{1.00}(\text{Sb}^{5+}_{0.95}\text{As}_{0.07}\text{Na}_{0.03})_{\Sigma=1.05}\text{OH}_{11.97}\text{Cl}_{0.03}$.
 (2) $\text{Ni}_2\text{Fe}^{3+}(\text{OH})_6[\text{Sb}(\text{OH})_6]$.

Mineral Group: Member of the hydrotalcite supergroup, cualstibite group.

Occurrence: In narrow, crystal-lined fractures cutting massive siderite-bearing rock.

Association: Ullmannite, chalcopyrite, tetrahedrite/tennantite, siderite, glaukosphaerite.

Distribution: From Correc d'en Llinassos, near the village of Oms, Pyrénées-Orientales Department, France.

Name: For *Oms*, a village close to the locality that produced the first specimens.

Type Material: Natural History Museum of Los Angeles County, Los Angeles, California, USA. (#63428, 63429) and at Museum Victoria, Melbourne, Victoria, Australia (M51584).

References: (1) Mills, S.J., A.R. Kampf, R.M. Housley, G. Favreau, M. Pasero, C. Biagioni, S. Merlino, C. Berbain, and P. Orlandi (2012) Omsite, $(\text{Ni,Cu})_2\text{Fe}^{3+}(\text{OH})_6[\text{Sb}(\text{OH})_6]$, a new member of the cualstibite group from Oms, France. *Mineral. Mag.*, 76(5), 1347-1354. (2) (2015) *Amer. Mineral.*, 100, 1329 (abs. ref. 1).