Molinelloite $Cu(H_2O)(OH)V^{4+}O(V^{5+}O_4)$

Crystal Data: Triclinic. *Point Group*: $\bar{1}$.

Physical Properties: *Cleavage*: *Tenacity*: *Fracture*: Hardness =
D(meas.) = D(calc.) =

Optical Properties: *Color*: *Streak*: *Luster*:
Optical Class:

Cell Data: *Space Group*: $P\bar{1}$. a = 5.122(1) b = 5.296(1) c = 10.356(2) α = 100.01(3)° β = 101.15(3)° γ = 101.43(3)°

X-Ray Diffraction Pattern: Molinello mine, Ne, Val Graveglia, Genova district, Liguria, Italy. 4.019 (100), 9.90 (80), 3.095 (80), 4.85 (60), 2.781 (45), 3.301 (35), 2.706 (25)

Chemistry:

Mineral Group:

Occurrence:

Association:

Distribution: From the Molinello mine, Ne, Val Graveglia, Genova district, Liguria, Italy.

Name:

Type Material: Natural History Museum, Vienna, Austria (N 9735).

References: (1) Hålenius, U, F. Hatert, M. Pasero, and S.J. Mills (2016) IMA Commission on New Minerals, Nomenclature and Classification (CNMNC) Newsletter 33. New minerals and nomenclature modifications approved in 2016. Mineral. Mag., 80, 1141.