

Crystal Data: Orthorhombic. *Point Group:* *mm*2. Prismatic crystals display {110} and {111}, with minor {101} {131}, and {100}, to 1 mm; typically as drusy incrustations.

Physical Properties: *Cleavage:* {110}, imperfect. Hardness = "Soft". D(meas.) = 1.09 D(calc.) = 1.10 Strongly pyroelectric; M.P. 116 °C.

Optical Properties: Transparent. *Color:* Colorless.

Optical Class: Biaxial (+). *Orientation:* X = c; Z = a. *Dispersion:* r > v. α = 1.505 β = 1.512 γ = 1.524 2V(meas.) = 77°

Cell Data: *Space Group:* *Fdd*2. a = 18.60 b = 23.00 c = 10.86 Z = 16

X-ray Powder Pattern: Synthetic. (ICDD 28-2014).

4.88 (100B), 8.72 (80), 7.16 (80), 4.36 (60), 5.89 (50), 5.65 (50), 4.73 (50)

Chemistry:	(1)	(2)
C	66.21	63.12
H	11.55	11.65
O	22.24	25.23
Total	100.00	100.00

(1) San Francisco Peaks, Arizona, USA; corresponding to C_{10.0}H_{20.7}O_{2.5}. (2) C₁₀H₂₀O₂•H₂O.

Occurrence: Lining cracks in decomposing buried pine logs.

Association: n.d.

Distribution: At the base of the San Francisco Peaks, north of Flagstaff, Coconino Co., Arizona, USA.

Name: For Flagstaff, Arizona, USA, near the type locality.

Type Material: n.d.

References: (1) Guild, F.N. (1920) Flagstaffite, a new mineral from Arizona. *Amer. Mineral.*, 5, 169–172. (2) Guild, F.N. (1921) The identity of flagstaffite and terpin hydrate. *Amer. Mineral.*, 6, 133–134. (3) Strunz, H. and B. Contag (1965) Evenkit, Flagstaffit, Idrialin und Reficit. *Neues Jahrb. Mineral., Monatsh.*, 19–25 (in German).