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Crystal Data: Hexagonal. Point Group: 6/m 2/m 2/m. Crystals are hexagonal prisms terminated by pinacoids. As radiating bundles of thin needles, up to 4 mm.

Physical Properties: Hardness = 4 D(meas.) = n.d. D(calc.) = 2.11

Optical Properties: Transparent. Color: Colorless. Streak: White. Optical Class: Uniaxial (-). $\omega = 1.506$ $\epsilon = 1.499$

Cell Data: Space Group: $P6_3/mmc$. a = 18.392 c = 7.646 Z = [1]

X-ray Powder Pattern: Mont Sémiol, France. 3.185 (100), 2.941 (100), 3.824 (95), 3.531 (90), 9.20 (60), 6.02 (53), 4.729 (50)

Chemistry:

	(1)
SiO_2	58.10
Al_2O_3	18.14
MgO	2.92
CaO	2.75
Na_2O	0.03
$K_2 \overline{O}$	3.27
H_2O	18.42
Total	103.63

(1) Mont Sémiol, France; by electron microprobe, average of three analyses, H_2O by TGA; the high sum is thought due to loss of H_2O in the vacuum chamber during analysis; corresponds to $(K_{1.91}Na_{0.03})_{\Sigma=1.94}Ca_{1.35}Mg_{1.99}(Si_{26.53}Al_{9.77})_{\Sigma=36.30}O_{72} \cdot 28.06H_2O$.

Mineral Group: Zeolite group.

Occurrence: In cavities in a porphyritic olivine basalt.

Association: Phillipsite, offretite, chabazite, calcite, siderite.

Distribution: On Mont Sémiol (Mont Semiouse), near Montbrison, Loire, France.

Name: To honor Professor Fiorenzo Mazzi, mineralogist, University of Pavia, Pavia, Italy.

Type Material: University of Modena, Modena, Italy; National Museum of Natural History, Washington, D.C., USA, 128520.

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