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Crystal Data: Monoclinic. *Point Group:* 2/m. Asbestiform; as small bundles of extremely fine fibers, to several cm; these may be folded or imbricated.

Physical Properties: Cleavage: Good on $\{100\}$. Fracture: Cross fractures on $\{010\}$. Tenacity: Brittle. Hardness = 2-3 D(meas.) = 3.30-3.38 D(calc.) = 3.34

Optical Properties: Transparent to translucent. *Color:* Creamy white to very pale rose; colorless to faint yellow in thin section.

Optical Class: Biaxial (-). Orientation: Z = b; $X \simeq \bot \{100\}$. $\alpha = 1.660(5)$ $\beta = 1.684(2)$ $\gamma = 1.690(2)$ $2V(\text{meas.}) = 48^{\circ} - 70^{\circ}$

Cell Data: Space Group: $P2_1/m$. a = 9.518(6) b = 5.753(2) c = 12.04(1) $\beta = 108.00(5)^{\circ}$ Z = 2

X-ray Powder Pattern: Ottré, Belgium.

3.511 (100), 2.870 (60), 3.103 (45), 4.290 (40), 5.719 (35), 2.840 (35), 8.51 (30)

Chemistry:

	(1)	(2)	(3)
SiO_2	37.82	37.45	37.84
$\overline{\text{TiO}_{2}}$		trace	
Al_2O_3	46.88	48.09	48.15
Fe_2O_3	1.10		
Cr_2O_3		trace	
FeO		1.29	
MnO	9.08	9.14	11.17
CuO	0.79		
ZnO	0.49		
MgO	0.44	0.45	
$\mathrm{H_2O}$	[2.83]	[2.82]	2.84
P_2O_5	0.35		
Total	[99.78]	[99.24]	100.00

(1) Ottré, Belgium; by electron microprobe, total Fe as Fe_2O_3 , H_2O calculated from stoichiometry. (2) Recht, Belgium; by electron microprobe, H_2O calculated from stoichiometry. (3) $MnAl_6Si_4O_{17}(OH)_2$.

Occurrence: In quartz veins cutting Mn, Al-rich metapelites, derived from shales subjected to low-grade metamorphism.

Association: Quartz, pyrophyllite, ottrélite, andalusite, sudoite, kaolinite, rutile, dickite (Ottré, Belgium); chloritoid, hematite, chlorite (Sart-Close, Belgium).

Distribution: In Belgium, in the Stavelot massif, at Ottré, at Sart-Close, near Salmchâteau, at Regne, and at Recht.

Name: For Charles Joseph Davreux (1800–1863), Belgian pharmacist and natural scientist, Professor of Mineralogy at the University of Liège, Belgium.

Type Material: Royal Institute of Natural Sciences of Belgium, Brussels, Belgium.

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