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Crystal Data: Triclnic. *Point Group:* 1. Granular, may be tabular, to 1 mm. *Twinning*: May exhibit polysynthetic lamellae.

Physical Properties: Cleavage: Perfect on $\{100\}$. Fracture: Sunconchoidal. Tenacity: Brittle. Hardness = ~ 2 VHN = 98 (50 g load). D(meas.) = n.d. D(calc.) = 5.12

Optical Properties: Opaque. Color: Black, with abundant red internal reflections.

Streak: Brown-violet. Luster: Metallic.

Optical Class: Biaxial. Anisotropism: Distinct to strong; gray-blue to blue-green.

Bireflectance: Low to medium; white to grayish-bluish white.

 $\begin{array}{l} R_1-R_2\colon (400)\ 34.7-37.4, (420)\ 34.6-37.2, (440)\ 34.5-37.1, (460)\ 34.2-36.8, (480)\ 33.8-36.6, (500)\\ 33.4-36.2, (520)\ 32.8-35.8, (540)\ 32.2-35.1, (560)\ 31.6-34.4, (580)\ 30.8-33.5, (600)\ 30.1-32.5, (620)\\ 29.3-31.4, (640)\ 28.5-30.3, (660)\ 27.7-29.1, (680)\ 26.8-27.8, (700)\ 25.8-26.4 \end{array}$

Cell Data: Space Group: $P\overline{1}$. a = 7.393(4) b = 8.711(5) c = 17.58(1) $\alpha = 103.81(3)$ $\beta = 91.81(3)$ $\gamma = 109.51(3)$ Z = 1

X-ray Powder Pattern: Alšar, Macedonia.

3.459 (100), 3.0755 (65), 3.884 (64), 2.2868 (57), 3.1774 (54), 2.8019 (44), 1.7364 (38)

Chemistry:

	(1)
Tl	31.51
As	7.95
Sb	37.69
S	22.30
Total	99.45

(1) Alšar, Macedonia; by electron microprobe, average of five analyses; corresponds to $Tl_{4.87}Sb_{9.79}As_{3.35}S_{21.99}$.

Occurrence: In a hydrothermal Tl–Sb–As deposit, formed at low temperatures.

Association: Realgar, stibnite, pyrite.

Distribution: From the Cryen Dol mine, Alšar (Allchar), near Rošden, Macedonia [TL].

Name: To honor Prefessor S. Janković (1925–), who has worked in the Allchar region.

Type Material: Natural History Museum, Belgrade, Serbia; Natural History Museum, Vienna, Austria.

References: (1) Cvetković, L., V.A. Boronikhin, M.K. Pavićević, D. Krajnović, I. Gržetić, E. Libowitzky, G. Giester, and E. Tillmanns (1995) Jankovićite, $Tl_5Sb_9(\underline{As}, Sb)_4S_{22}$, a new Tl-sulfosalt from Allchar, Macedonia. Mineral. Petrol., 53, 125–131. (2) (1996) Amer. Mineral., 81, 250 (abs. ref. 1). (3) Lobowitzky, E., G. Giester, nd E. Tillmanns (1995) The crystal structure of jankovićite, $Tl_5Sb_9(\underline{As}, Sb)_4S_{22}$. (4) Makovicky, E. and T. Balić-Žunić (1998) Contributions to the crystal chemistry of thallium sulfosalts. IV. Modular description of Tl–As–Sb sulfosalts rebulite and jankovicite [sic]. Neues Jahrb. Mineral., Abh., 174, 181–210.