

Crystal Data: Monoclinic. *Point Group:* 2/m. Crystal fragments, to 300 μm, exhibit a platy to flaky morphology, dominated by {001}.

Physical Properties: *Cleavage:* Perfect on {001}. *Tenacity:* Brittle. *Fracture:* Hackly. Hardness = 1-1.5 VHN = 42 (15 g load). D(meas.) = n.d. D(calc.) = 9.04

Optical Properties: Opaque. *Color:* Dark silver-gray, in reflected light grayish white with a slightly greenish tint. *Streak:* Gray-black. *Luster:* Metallic. *Birefractance:* Very low. *Pleochroism:* Weak. *Anisotropism:* Distinct.

Optical Class: n.d.

R_{min}-R_{max}: (471.1) 38.4-40.3, (548.3) 38.1-40.1, (586.6) 37.5-39.4, and (652.3) 35.9-38.0

Cell Data: Space Group: P2₁ or P2₁/m. a = 4.361(2) b = 6.618(3) c = 20.858(9) β = 92.71(5)° Z = n.d.

X-ray Powder Pattern: Sacarîmb deposit, Metaliferi Mountains, western Romania. 3.56 (100), 3.47 (58), 4.80 (52), 2.99 (50), 2.56 (41), 4.10 (40), 3.31 (40), 6.93 (38)

Chemistry:	(1)
Pb	52.00
Au	10.68
Sb	6.16
Te	11.71
<u>S</u>	<u>19.43</u>
Total	99.98

(1) Sacarîmb deposit, Metaliferi Mountains, western Romania; average of 25 electron microprobe analyses, corresponds to Pb_{5.00}Au_{1.08}Sb_{1.01}Te_{1.83}S_{12.08}.

Occurrence: Fills cavities and vugs in nagyágite with which its contacts are sharp with evidence of replacement. Found on a museum specimen from a hydrothermal gold-telluride deposit.

Association: Nagyágite, hessite, sylvanite, petzite, coloradoite, calcite, quartz.

Distribution: From the Sacarîmb (the former Nagyág) gold-telluride deposit, southeastern part of the Metaliferi Mountains, western Romania.

Name: Honors all *museums* in the world that preserve their old samples with care and accuracy.

Type Material: Natural History Museum, University of Florence, Italy (899/G).

References: (1) Bindi, L. and C. Cipriani (2004) Museumite, Pb₅AuSbTe₂S₁₂, a new mineral from the gold-telluride deposit of Sacarîmb, Metaliferi Mountains, western Romania. *Eur. J. Mineral.*, 16, 835-838. (2) (2005) *Amer. Mineral.*, 90, 1229 (abs. ref. 1).