

No. 35A-18 AgSbOGeO₄, Silver antimonyl germanate
 ($M = 382.23$)

1a	Phase transition in AgSbOGeO ₄ was mentioned by SHG measurement by Mill' et al. in 1993.		93Mil
b	phase	II	I
	state	(F)	P
	crystal system	orthorhombic	orthorhombic
	space group	Pna2 ₁ –D _{2v} ⁹	Pnan–D _{2h} ⁶
	Θ [°C]	440(30)	93Mil
	Density: see		93Mil
	Color: greenish yellow.		93Mil
2a	Crystal preparation: ion exchange by AgNO ₃ on KSbOGeO ₄ at 700...800 °C. See also Table 35A-1-001 in No. 35A-1.		93Mil
3a	Unit cell parameters: $a = 12.97(1)$ Å, $b = 6.426(5)$ Å, $c = 10.69(1)$ Å. See also Table 35A-1-001 in No. 35A-1.		93Mil
b	$Z = 8$.		
9e	Nonlinear optical parameters: see Table 35A-1-001 in No. 35A-1.		