

No. 35A-15 KSbOGeO₄, Potassium antimonyl germanate
 ($M = 313.46$)

1a	Ferroelectricity was mentioned in KSbOGeO ₄ by Simon et al. in 1993. Hysteresis loop has not been observed.		93Sim
b	phase	II	I
	state	(F)	P
	crystal system	orthorhombic	orthorhombic
	space group	Pna2 ₁ –C _{2v} ⁹	Pnan–D _{2h} ⁶
	Θ [°C]	362(5)	93Sim
		315	94But
	ρ _x = 4.421 · 10 ³ kg m ^{–3} .		91Mil
2a	Solid-phase synthesis at 1200 K. See also Table 35A-1-001 in No. 35A-1.		91Bel
3a	Lattice parameters: $a = 13.231(5)$ Å, $b = 6.600(2)$ Å, $c = 10.759(4)$ Å, $V = 939.56$ Å ³ at RT; see also Table 35A-1-001 in No. 35A-1. See also		91Bel 91Mil, 91Pag
b	$Z = 8$. Crystal structure: Table 35A-15-001, Table 35A-15-002, Table 35A-15-003, Table 35A-15-004.		
4	Lattice constants at 400 °C: $a = 13.273(2)$ Å, $b = 6.633(1)$ Å, $c = 10.740(2)$ Å.		94Fav
5a	Dielectric constant: Fig. 35A-15-001.		
6a	Transition enthalpy: $\Delta H = 2.09 \cdot 10^3$ J kg ^{–1} .		93Sim
9e	Nonlinear optical properties: see Fig. 35A-19-001 in No. 35A-19 and Table 35A-1-001 in No. 35A-1.		