

**No. 20A-5 SbSeBr, Antimony selenide bromide** $(M = 280.61)$ 

1a	No ferroelectric transition was found in the temperature range between $-180\text{ }^{\circ}\text{C}$ and $70\text{ }^{\circ}\text{C}$ .		64Nit
b	crystal system	orthorhombic	50Don
	space group	$\text{Pnam}-D_{2h}^{16}$	
	$\rho = 5.4(6) \cdot 10^3 \text{ kg m}^{-3}$ (observed), $\rho_x = 5.5(7) \cdot 10^3 \text{ kg m}^{-3}$ .		50Don
	Color: dark red (needles) .		60Nit
2a	Synthesis, preparation of ingots and single growth.		60Nit, 64Nit
	Vapor transport method.		68Hor
	Hydrothermal method.		69Pop, 70Pop
3a	Unit cell parameters: $a = 8.3(0) \text{ \AA}$ , $b = 10.2(0) \text{ \AA}$ , $c = 3.9(5) \text{ \AA}$ at RT.		50Don
b	$Z = 4$ . All atoms are at 4c positions of $\text{Pnam}-D_{2h}^{16}$ .		
11	Photoconductive properties: see		60Nit