

No. 41A-6 CsRbSeO₄, Cesium rubidium selenate*(M* = 361.33)

1a	Ferroelectricity in CsRbSeO ₄ was discovered by Endo et al. in 1983.			83End
b	phase	II	I	83End
	state	F	P	
	crystal system		orthorhombic	
	point group		mmm	
	Θ[°C]	−39		
	P _s [001].			
3a	Unit cell parameters at RT: <i>a</i> = 6.332 Å, <i>b</i> = 10.583 Å, <i>c</i> = 8.064 Å.			83End
5a	Dielectric constant at 1.00·10 ⁵ Hz: Fig. 41A-6-001.			
c	Spontaneous polarization: <i>P_s</i> = 2.4·10 ^{−2} C m ^{−2} at −150 °C. Temperature dependence: Fig. 41A-6-002.			83End
6a	Transition heat: 12.57 · 10 ^{−3} J mol ^{−1} .			83End
	Transition entropy: 4.19 · 10 ^{−2} J mol ^{−1} K ^{−1} .			83End
16	Twin structure was observed by polarized light at room temperature.			83End