

No. 39B-2 (NH₄)₂SO₄–Rb₂SO₄

1b	Concentration dependence of Θ_f : see Fig. 39B-1-001 in No. 39B-1.	
2a	Relation of concentrations in crystal to those in saturated solutions: see Fig. 39B-1-002 in No. 39B-1.	
3a	Unit cell parameters of [(NH ₄) _{1-x} Rb _x] ₂ SO ₄ at RT: $x = 0.18$: $a = 7.8005(4) \text{ \AA}$, $b = 10.5677(8) \text{ \AA}$, $c = 5.9351(3) \text{ \AA}$; $x = 0.62$: $a = 7.826(2) \text{ \AA}$, $b = 10.466(2) \text{ \AA}$, $c = 5.9725(8) \text{ \AA}$; $x = 0.83$: $a = 7.814(2) \text{ \AA}$, $b = 10.440(3) \text{ \AA}$, $c = 5.9715(7) \text{ \AA}$. Concentration dependence of unit cell parameters: see Fig. 39B-1-003 in No. 39B-1.	89Shi
b	Occupation parameters of NH ₄ ions in different sites: see Fig. 39B-1-005 in No. 39B-1.	
5a	Dielectric constant: Fig. 39B-2-001, Fig. 39B-2-002. Dielectric dispersion: Fig. 39B-2-003.	
c	Spontaneous polarization: Fig. 39B-2-004.	
9a	Birefringence: Fig. 39B-2-005, Fig. 39B-2-006.	
e	Susceptibility for second harmonic generation: Table 39B-2-001; Fig. 39B-2-007.	
10a	Raman scattering: see	88Tor
13a	NMR: Fig. 39B-22-008.	
b	ESR of γ -ray irradiated crystals: see	80Hir