

**No. 39B-3 (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>–Cs<sub>2</sub>SO<sub>4</sub>**

1b	Concentration dependence of $\Theta_f$ : see Fig. 39B-1-001 in No. 39B-1.	
2a	Relation of concentrations in crystal to those in saturated solution: see Fig. 39B-1-002 in No. 39B-1.	
3a	Unit cell parameters of [(NH <sub>4</sub> ) <sub>1-x</sub> Cs <sub>x</sub> ] <sub>2</sub> SO <sub>4</sub> at RT: $x = 0.16$ : $a = 7.819(2)\text{\AA}$ , $b = 10.651(3)\text{\AA}$ , $c = 6.010(1)\text{\AA}$ ; $x = 0.80$ : $a = 8.139(2)\text{\AA}$ , $b = 10.910(2)\text{\AA}$ , $c = 6.204(1)\text{\AA}$ ; $x = 1.00$ : $a = 8.218(1)\text{\AA}$ , $b = 10.916(3)\text{\AA}$ , $c = 6.244(9)\text{\AA}$ . Concentration dependence of unit cell parameters: see Fig. 39B-1-003 in No. 39B-1.	89Shi
b	Occupation parameters of NH <sub>4</sub> ions in different sites: see Fig. 39B-1-005 in No. 39B-1.	
5a	Dielectric constant: Fig. 39B-3-001, Fig. 39B-3-002.	
c	Spontaneous polarization: Fig. 39B-3-003.	
13a	NMR: Fig. 39B-3-004.	
b	ESR of $\gamma$ -ray irradiated crystals: see	80Hir