43 Langbeinite ($K_2Mg_2(SO_4)_3$) family

43A Pure compounds

No. 43A-1 $(NH_4)_2Mg_2(SO_4)_3$, Ammonium magnesium sulfate

(M = 372.86)

1b	Phase transitions at 220 K and 241 K were found by Kahrizi and Steinitz by thermal expansion measurement.	88Kah
	Phase transition at 161 K was found by Campbell and Stokes by T_1 measurement of protons and specific heat.	95Cam
	Transition scheme: see Table 43A-13-001 in No. 43A-13.	
3a	Unit cell parameter: see Table 43A-2-002 in No. 43A-2.	
4	Thermal expansion: Fig. 43A-1-001.	
5a	Dielectric constant: Fig. 43A-1-002.	
	See also Fig. 43A-11-003, Fig. 43A-11-004 in No. 43A-11.	
6	Specific heat: see	95Cam
	Transition entropy: see Table 43A-13-002 in No. 43A-13.	
13a	Proton NMR: Fig. 43A-1-003.	
b	ESR of VO^{2+}: see	70Cho