

No. 45A-10 CH₃NH₃Ga(SO₄)₂ · 12H₂O, Methylammonium gallium sulfate dodecahydrate
(*M* = 510.08)

1a	Ferroelectric activity in $\text{CH}_3\text{NH}_3\text{Ga}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ was discovered by Dunne in 1959.		59Dun	
b	phase	II	I	59Dun
	state	F	P	
	crystal system		cubic ^{a)}	^{a)} 62Jon
	θ [°C]	−102		
	Transparent.			
2a	Crystal growth: evaporation or cooling method from aqueous solution.			59Dun
5a	Dielectric constant: Fig. 45A-10-001. The Curie-Weiss constant $C = 360$ K. $P_s = 4 \cdot 10^{-3} \text{ C m}^{-2}$ just below θ .			78Zhe 78Zhe
9b	Electrooptic effect: see Fig. 45A-6-015 in No. 45A-6 for the quadratic electrooptic effect.			
d	Optical activity: See Table 45A-4-004 in No. 45A-4. See Fig. 45A-6-017 in No. 45A-6 for the electrogyration coefficient.			
13b	ESR: Table 45A-10-001.			