

Table 45A-8-001. CH₃NH₃Cr(SO₄)₂ · 12H₂O. ESR data of Cr³⁺ [50Bag, 50Ble, 49Ble, 56Bak].

Paramagnetic center	<i>S</i>	H	ν GHZ	<i>T</i> [°K]	<i>g</i> -factor	FS <i>D, E</i> [10 ⁻² m ⁻¹]	Ref.
Cr ³⁺ ^{a)}	3/2	(5)	9; 3	20	1.976(7)	<i>D</i> = -871(7) <i>E</i> = -92(8)	50Bag 50Ble
				90	1.975(10)	<i>D</i> = 870(20) <i>E</i> = 90(10)	49Ble
				290	1.98	<i>D</i> = 825(30)	56Bak

^{a)} Direction cosines of rhombic axes with respect to tetragonal axes *a, b, c*, are:

	<i>a</i>	<i>b</i>	<i>c</i>
<i>x</i>	-0.35(5)	-0.35(5)	+87(3)
<i>y</i>	+0.71(4)	-0.71(4)	0.00(5)
<i>z</i>	+0.61(4)	+0.61(4)	+0.50(4)