

S. no.	Type of material	Material	V_{verdet} (rad Tm ⁻¹)	Analyzer angle α_a (°)	% increase in sensitivity	Resolution
1	Paramagnetic	TGG	190	48	Datum level	1.64
2	Paramagnetic	Nd ³⁺ doped TGG	225	42	13	1.45
3	Paramagnetic	Ce ³⁺ doped TGG	242.2	50	22	1.35
4	Paramagnetic	Dy ³⁺ doped TGG	256.8	47	27	1.29
5	Paramagnetic	Pr ³⁺ doped TGG	264.5	47	30	1.27