

LIST OF TABLES

TABLE NO.	TITLE	PAGE
	Details of the samples prepared	.... 47-48
2.1	Fluxed samples (CaO : Bi)	.... 47
2.2	Fluxed Samples (CaO : Mn)	.... 47
2.3	Fluxed Samples (CaO : Bi : Mn)	.... 48
2.4	Fluxed Samples (CaO : Bi : Mn)	.... 48
3.1	Activation Energy, Symmetry factor for I-glow peak	.... 79
3.2	Activation Energy, Symmetry factor for I-glow peak	.... 80
3.3	Activation Energy, Symmetry factor for I-glow peak	.... 81
3.4	Activation Energy, Symmetry factor for II-glow peak	.... 82
3.5	Activation Energy, Symmetry factor for II-glow peak	.... 83
3.6	Escape Frequency Factor	.... 84
4.1	XRD Results of CaO : Bi : Mn Phosphors	.... 118
4.2	Spin Hamiltonian Parameters	.... 124