—— INDEX OF TABLES ——

SI.NO	DESCRIPTION	PAGE NO.
1.1	Mucuna species available in India	23
2.1	Preliminary tests for powder analysis.	50
2.2	Solvent systems used for recording the HPTLC finger	74
	print profiles of extracts of roots of Nymphoides macrospermum	
3.1	Solvent systems used for recording the HPTLC finger	79
	print profiles of extracts of roots of Mucuna pruriens.	
4.01	Powder study of roots of Nymphoides macrospermum	85
4.02	Physico chemical constants, Content of heavy metals and other inorganic elements including Microbial Content for the roots of Nymphoides macrospermum	87
4.03	Physical properties of successive extracts	90
4.04	Phytoprofile of roots of Nymphoides macrospermum	90
4.05	Effect of Methanol extract of roots of <i>Nymphoides</i> on Phagocytic index, HA titre and DTH response.	93
4.06	Effect of Methanol extract of Nymphoides on Leucocyte count and % Mortality in E coli induced abdominal sepsis	95
4.07	Effect of Methanol extract of <i>Nymphoides</i> on Leucocyte, RBC and Hb count in Cyclophosphamide induced Immunosuppression	96
4.08	Effect of Methanol extract of roots of Nymphoides on Stress induced changes in organ weight	98
4.09	Effect of Methanol extract of roots of Nymphoides on Stress induced changes in biochemical parameters.	99
4.10	Effect of successive extracts of roots of Nymphoides on mice under Toxicity studies	101

— INDEX OF TABLES

4.11	Effect of successive solvent extracts of roots of Nymphoides on Phagocytic index, HA titre and DTH	102
4.12	Effect of successive solvent extracts of roots of <i>Nymphoides</i> on Leucocyte count and % Mortality in E coli induced abdominal sepsis.	102
4.13	Effect of DCM extract of roots of <i>Nymphoides</i> on Leucocyte, RBC and Hb count in Cyclophosphamide induced Immunosuppression	108
4.14	Effect of DCM extracts of roots of Nymphoides on Stress induced changes in organ weight	109
4.15	Effect of DCM extracts of roots of Nymphoides on Stress induced changes in biochemical parameters.	110
4.16	Solvent systems used for recording the HPTLC finger print profiles	115
4.17	Method validation parameters for quantification of Betulinic acid using proposed HPTLC Densitometric method	118
5.1	Powder analysis of roots of Mucuna pruriens.	156
5.2	Physico chemical constants, Content of heavy metals and other inorganic elements including Microbial Content for the roots of <i>Mucuna pruriens</i> .	158
5.3	Physical properties of successive extracts	160
5.4	Phytoprofile of roots of Mucuna pruriens	160
5.5	Effect of Methanol extract of roots of <i>M.pruriens</i> on Phagocytic index, HA titre and DTH response.	162
5.6	Effect of Methanol extract of <i>M.pruriens</i> on Leucocyte count and % Mortality in E coli induced abdominal sepsis	163

INDEX OF TABLES

5.7	Effect of Methanol extract of M.pruriens on Leucocyte, RBC and Hb count in Cyclophosphamide induced Immunosuppression	165
5.8	Effect of Methanol extract of roots of M.pruriens on Stress induced changes in organ weight	167
5.9	Effect of Methanol extract of roots of M.pruriens on Stress induced changes in biochemical parameters.	168
5.10	Effect of successive extracts of roots of <i>M. pruriens</i> on mice under Toxicity studies	169
5.11	Effect of successive solvent extracts of roots of <i>M.pruriens</i> on Phagocytic index, HA titre and DTH	171
5.12	Effect of successive solvent extracts of roots of <i>M.pruriens</i> on Leucocyte count and % Mortality in E coli induced abdominal sepsis.	1 71
5.13	Effect of Successive extracts of roots of <i>M.pruriens</i> on Leucocyte, RBC and Hb count in Cyclophosphamide induced Immunosuppression	176
5.14	Effect of successive extracts of roots of <i>M. pruriens</i> on Stress induced changes in organ weight	177
5.15	Effect of successive extracts of roots of <i>M pruriens</i> on Stress induced changes in biochemical parameters.	178
5.16	Solvent systems used for recording the HPTLC finger print profiles	180
5.17	Method validation parameters for quantification of sitosterol using proposed HPTLC Densitometric method	200
5.18	Method validation parameters for quantification of L- dopa using proposed HPTLC Densitometric method	208