

LIST OF TABLES

Table	Title	Page
1.	Materials and their Suppliers	84-85
2.	Salient Properties of Selected Drugs	87
3-1	Calibration curve of Triamcinolone Acetonide	110
3-2	Calibration Curve of Betamethasone 17-Valerate	112
3-3	Calibration Curve of Maltinonide	115
3-4	Calibration Curve of Fluocinolone Acetonide	117
3-5	Interference Study in the Estimation of Glucocorticoids	119
4-1	First Screening Evaluation of Cream Bases	133-140
4-2	Second Screening Evaluation of Cream Bases	142-144
4-3	Third Screening Evaluation of Cream Bases	146-150
4-4	Spreading Properties of Cream Bases	153
4-5	Continuous Shear Rheometry Data of	
to		
4-31	Cream Base Nos. 1 to 27	159-165
4-32	Formulas of Selected Cream Bases	192-193
4-33	Composite Data of Selected Cream Bases	194
5-1	Cumulative Percentage Release of Triamcinolone Acetonide from Creams	222
5-2	Cumulative Percentage Release of Betamethasone 17-Valerate from Creams	223
5-3	Cumulative Percentage Release of Maltinonide from Creams	224
5-4	Cumulative Percentage Release of Fluocinolone Acetonide from Creams	225
5-5	Drug Releasing Efficiency (DRE) of the Selected Corticosteroid Creams	227
5-6	Release Rate from the Selected Bases Containing Drugs	228
6-1	Liberation of Triamcinolone Acetonide from Creams through Sartorius Ointment Chamber Assembly	233

Table	Title	Page
6-2	Liberation of Betamethasone 17-Valerate from Creams through Sartorius Ointment-Chamber Assembly	233
6-3	Liberation of Malcinonide from Creams through Sartorius Ointment Chamber Assembly	234
6-4	Liberation of Fluocinolone Acetonide from Creams through Sartorius Ointment Chamber Assembly	234
7-1	Bioavailability Study on Selected Triamcinolone Acetonide Creams by Blanching Test	277
7-2	Bioavailability Study on Selected Betamethasone 17-Valerate Creams by Blanching Test	278
7-3	Bioavailability Study on Selected Malcinonide Creams by Blanching Test	279
7-4	Bioavailability Study on Selected Fluocinolone Acetonide Creams by Blanching Test	280
7-5	Approximate Area Under the Percentage Response Versus Time to 24 hr Curve of all Selected Creams	281
7-6	Draine Evaluation of Skin Reactions	285
8-1	Stability Study on Selected Triamcinolone Acetonide Creams	303
8-2	Stability Study on Selected Betamethasone 17-Valerate Creams	306
8-3	Stability Study on Selected Malcinonide Creams	307
8-4	Stability Study on Selected Fluocinolone Acetonide Creams	308
8-5	Total Viable Count of the Cream Bases	316-319
8-6	Total Viable Count during Stability of Triamcinolone Acetonide Creams	320
8-7	Total Viable Count during Stability of Betamethasone 17-Valerate Creams	321
8-8	Total Viable Count during Stability of Malcinonide Creams	322
8-9	Total Viable Count during Stability of Fluocinolone Acetonide Creams	323