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TYPICAL ANALYSIS / SPECIFICATION

PRODUCT : RESERPINE
SHELF LIFE : FIVE YEARS SUBJECT TO CORRECT STORAGE

Test	Result	Standard
Description	Slightly yellow crystalline powder	White to slightly yellow crystalline powder
Identification	Complies	Should comply as BP (B) by IR Spectrophotometry
Solubility clarity in	Complies	Practically insoluble in water, and ether, very slightly soluble alcohol
Loss on drying	0.28%	NMT 0.5% w/w
Sulphated ash	0.07%	NMT 0.1%
Oxidation products	0.067	NMT 0.1
Specific optical rotation	-120.35 ⁰	Between -116 ⁰ to -128 ⁰
Assay (on dried basis)		
Total alkaloids	99.29%	99% to 101%
Reserpine	99.23%	98% to 102%

Conclusion: Material complies as per BP specifications