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TYPICAL ANALYSIS / SPECIFICATION

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

Test	Observation	Specification
Description	White fine powder	White or pale yellow crystalline powder
Solubility	Passes	Practically insoluble in water, soluble in alcohol and in methylene chloride, slightly soluble in ether.
Identification	E) BP 143 ⁰ C F) IR Passes G) Passes H) Passes	141-143 ⁰ C As per BP As per BP As per BP
Appearance of solution	Passes	As per BP
Imidazole	Complies by TLC	As per BP
(2-Chlorophenol) diphenyl methanol	Complies by TLC	NMT 0.2%
Sulphated ash	0.06%	NMT 0.1%
Loss on drying	0.32%	NMT 0.5%
Assay	99.45%	98.5% to 100.5%

Conclusion: Passes as per BP/USP specifications