



SYMBIOTICA
SPECIALTY INGREDIENTS SDN BHD



CERTIFICATE OF ANALYSIS

Product : Hydrocortisone Manf. Date : January 2017
Batch no. : HB 001/0117 Retest. Date : December 2021

Description	White crystalline powder (White to practically white, odorless crystalline powder)
Solubility	Complies (Very slightly soluble in water and in ether, sparingly soluble in acetone and in alcohol, slightly soluble in chloroform)
Identification	Test A : IR (Concordant with standard (USP)) Test B : UV (Complies (USP))
Melting point	216° C (About 215° C with decomposition)
Specific optical rotation (1% solution in Dioxane)	+154° (+150° to +156° on dried basis)
Chromatographic purity (By HPLC)	0.09 % (Single Impurity : NMT 0.5%) 0.26 % (Total impurities : NMT 2.0%)
Loss on drying	0.14 % w/w (NMT 1.0 % w/w)
Residue on ignition	Complies (As per USP)
Assay	100.1 % w/w (NLT 97.0 % w/w and NMT 102.0 % w/w on dried basis)
Particle Size	Micronized

Conclusion : Complies as per USP 32

Analytical Chemist

Hai

QC Manager

Er



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