



CERTIFICATE OF ANALYSIS

ETOPOSIDE

TEST	SPECIFICATION	RESULTS
Description	White crystal powder. odoriess	Conforms
Identification	A. IR B. HPLC	Conforms Conforms
Specific rotation	-110°to - 118°	-117°
Water	NMT 6.0%	2.7%
Residue on ignition	NMT 0.1%	0.03%
Heavy metals	NMT 20ppm	Conforms
Total impurities	NMT 2.0%	Conforms
Lignan P	NMT 0.5%	Conforms
Picroetoposide	NMT 1.0%	Conforms
Assay	Between 95.0% to 105.0% (Calculated on the dried basis)	99.8%