

CERTIFICATE OF ANALYSIS

NAME OF PRODUCT	LEEPOL™ COAT L-100	GENERIC NAME	Methacrylic Acid - Ethyl Acrylate Copolymer 1:1 Type A
BATCH NO	10120002		
MFG. MONTH	APR – 2021	DATE	09/04/2021
EXP. MONTH	MAR – 2026	REF NO.	TLC/L-100

TEST	SPECIFICATION	RESULTS
Description	White powder having faint characteristic odour.	White powder having faint characteristic odour.
Solubility	A. The polymer is freely soluble to soluble in methanol, in alcohol, in isopropyl alcohol, and in acetone, each of which contains not less than 3% of water and in diluted alkali, in simulated intestinal fluid TS and in buffer solutions of pH 7 and above.	Complies
	B. It is insoluble in water, in diluted acids, in simulated gastric fluid TS, and in buffer solutions of up to pH 5.	Complies
Identification	A. Infrared absorption	Match with standard spectrum
	B. It meets the requirements of the test for Assay.	Complies
Viscosity	60 to 120 mPas	110 mPas
Loss on drying (110 °C for 6 hrs)	NMT 5.0 %	2.52 %
Residue on ignition	NMT 0.1%	0.07%
Limit of monomers	NMT 0.05 %	0.028%
Assay of Methacrylic Acid unit on dried basis	Between 46.0% to 50.6%	49.16%

* Specification as per finished product specification. Meeting requirement of USP/NF.