

Certificate of Analysis

Product Name	PUREPOL AQUA GEL LC-1		
Batch No.	DI01122024	Date	01.12.2024
Mfg. Month	DEC 2024	A.R. No.	REC/215/2024
Retest Month	NOV 2028	Grade	In-House

Sr. No	Test	Specification	Results
1	Description/Appearance	Milky white liquid	Milky white liquid
2	Odour	Mild organic	Mild organic
3	Total Solid content (%)	28.5 to 31.5 %	30.1%
4	PH	2.20 to 3.80	2.96
5	Apparent viscosity	NMT 25 cPs	19.6 cPs
6	Viscosity (1.0% active polymer in water, pH 7.5, 20 rpm at 25°C)(cPs)	Between 2,500 to 6,000 cPs	4,600 cPs
7	Salt Viscosity (1.0% active polymer in water, pH 7.5 with 0.2% NaCl, 20 rpm at 25°C)(cPs)	Between 400 to 1,200 cPs	980 cPs
8	Turbidity (NTU)	NMT 50 NTU	42
9	Total aerobic plate count (Includes bacteria, yeast and moulds)	NMT 10 CFU/g	2 CFU/g
10	Residual Solvent - Ethyl acrylate	NMT 1 ppm	0.12 ppm



Authorized By

