



CERTIFICATE OF ANALYSIS

Product Name	Hydroxypropyl cellulose	Batch No.	JL20250403
CAS	9004-64-2	MF Date	APR.03,2025
Packing	25kg/drum	Analysis Date	APR.03,2025
Quantity	3000kg	Expiry Date	APR.02,2027
Tests	Standard USP43/EP10.0/JP18		Examinations
Appearance	White to yellowish-white or cream colored granular solid or powder, hygroscopic after drying.		White or yellowish-white powder
Solubility	Soluble in cold water, in ethanol (96 percent) and in propylene glycol giving colloidal solutions, practically insoluble in hot water		Conforms
Identification A-C	Complies		Conforms
PH (25°C)	5.0-8.0		6.31
Silica	≤0.6%		≤0.6%
Residue on ignition	≤0.8%		0.5
Loss on drying	≤5.0%		2.1%
TG Value	130C-150°C		Conforms
Pb	≤3ppm		≤3ppm
Hg	≤0.1ppm		≤0.1ppm
AS	≤1ppm		≤1ppm
Cd	≤1ppm		≤1ppm
Hydroxypropyl	53.4-80.5%		69.0%
Viscosity (2% Solution,20°C)	6.0-11.2mPa.s		6.0-11.2mPa.s

Heavy metals	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Particle size	100% Pass 40 mesh	Conforms
Total yeast& mould counts Coliforms	$\leq 100\text{cfu/g}$	$< 10\text{cfu/g}$
Total aerobic Microbial Count	$\leq 1000\text{cfu/g}$	$< 10\text{cfu/g}$
Conclusion	Qualified	

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