

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Hydroxy Propyl Methyl Cellulose (HPMC) Viscosity 200000
2. CAS Number	9004-65-3
3. Formula	$C_{12}H_{20}O_{10}$
4. Batch No & Mfg. Date	As mentioned on Label
5. Date Of Exp	3 Years From MFG Date
6. Date of Analysis	Oct- 2024

Sr. No.	Item	Standard	Result
1	Appearance	white powder	White powder
2	Methoxy group %	19-30	21
3	Hydroxyl propyl group %	04-12	10.5
4	Gel temperature /°C	62-75°C	70°C
5	PH value	5.0-8.5	7
6	Viscosity(2% solution,20°C)	185000-215000	200000 mPa.s
7	Water content %	≤5.0	3.9
8	Ash content %	≤ 5.0	2.8
9	Water Retention %	≥90.0	98.8