

## Certificate of Analysis

Date of Testing: 2022-01-20 13:04:46

Date of Next Testing: 2026-01-19 13:04:46

Product Name: **Hydroxypropylmethylcellulose**

CAS Number: 9004-65-3

Specifications & Purity: type II , viscosity : 15000mPa.s

Lot #: A2218550

SKU #: **H108825**

**Analysis:** **063392**

Storage Temperature: Room temperature

| Parameter                 | Limit Values              | Result                    |
|---------------------------|---------------------------|---------------------------|
| PH(1% in Water,25°C)      | 4-8                       | 6.00                      |
| Viscosity(2% in H2O,20°C) | 11250-21000 (mPa-S)       | 15750.00 mPa-S            |
| (Pb)Lead                  | 0-10 (ppm)                | 5.00 ppm                  |
| Loss on drying            | 0-5 (%)                   | 3.30 %                    |
| gel point                 | 70-90 (°C)                | 80.00 °C                  |
| Heavy metal (as Pb)       | 0-20 (ppm)                | 8.00 ppm                  |
| Ignition Residue          | 0-1 (%)                   | 0.50 %                    |
| Hydroxylpropoxyl          | 4-12 (%)                  | 9.70 %                    |
| Insoluble matter in H2O   | 0-0.5 (%)                 | 0.33 %                    |
| Methoxy                   | 19-24 (%)                 | 22.20 %                   |
| Appearance (H108825)      | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum         | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager