

CERTIFICATE OF ANALYSIS

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|---|---------------------------------|---------------------|---------------|
| Product Name: | Carbomer 940 | Batch No. | JL20211025 |
| Cas | 9007-20-9 | MF Date | OCT. 25, 2021 |
| Packing | 20KGS/BOX | Analysis Date | OCT. 25, 2021 |
| Quantity | 5MT | Expiry Date | OCT. 24, 2023 |
| Item | Standard | Test method | Result |
| Identify | Meet the requirement | IR | Conforms |
| 0.5% aqueous solution viscosity | 40000-60000 mpa. s | Rotary viscometer | 41750 |
| 0.5% aqueous solution transmittance (420nm) | >90% | UV | 91.8% |
| Residual Ethyl Acetate | ≤0.5% | Gas chromatography | 0.48% |
| Residual Cyclohexane | ≤0.3% | Gas chromatography | 0.17% |
| Ignition Residue | ≤4.0% | --- | 2.1% |
| Acrylic Acid | ≤0.25% | HPLC | 0.16% |
| Loss on drying | ≤2.0% | Oven | 0.7% |
| -COOH % | 56.0-68.0% | Acid base Titration | 61.1% |
| Conclusion | Conforms to Enterprise Standard | | |

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