

Certificate of Analysis

Date of Testing: 2022-03-29 09:50:38
Date of Next Testing: 2026-03-28 09:50:38
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 20000
Lot #: C2228203
SKU #: **P103730**
Analysis: **084499**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--|-------------------------------------|-------------------------------------|
| PH | 4-7 | 4.54 |
| loss on Ignition | 0-0.2 (%) | 0.13 % |
| Water by Karl Fischer | 0-1 (%) | 0.03 % |
| Average Mn | 18500-22000 | 20000.00 |
| Sulfate Ash | 0-0.2 (%) | 0.15 % |
| Viscosity(250mg/ml in water,40°C) | 26-50 (mm ² /s) | 26.49 mm ² /s |
| Melting point | 63-66 (°C) | 63.83000 °C |
| Hydroxy Value | 4.5-7 (mgKOH/g) | 5.50 mgKOH/g |
| Appearance (P103730) | white powder or flakes or particles | white powder or flakes or particles |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in hot H ₂ O , Colorless,Clear,1g/10ml | pass | Pass |



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