

Certificate of Analysis

Date of Testing: 2023-09-13 10:52:49
Date of Next Testing: 2027-09-12 10:52:49
Product Name: **Polyethylene glycol**
CAS Number: 25322-68-3
Specifications & Purity: average Mn 8000
Lot #: H2330633
SKU #: **P103734**
Analysis: **242241**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-------------------------------------|-------------------------------------|
| PH | 4-7 | 4.60 |
| loss on Ignition | 0-0.2 (%) | 0.14 % |
| Water by Karl Fischer | 0-1 (%) | 0.32 % |
| Melting point | 59-64 (°C) | 62.40000 °C |
| mol wt average MW | 7000-9000 | 8995.00 |
| Kinematic viscosity | 16-21 (mm ² /s) | 17.20 mm ² /s |
| Appearance (P103734) | white to off-white powder or flakes | white to off-white powder or flakes |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in H ₂ O , Colorless, clear to slightly hazy, 100 mg/ml | pass | Pass |



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