



CERTIFICATE OF ANALYSIS

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Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 1020)
Catalog Number	34036108-0674
Lot Number	24B841-A1
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Dec 12, 2025
Retest date	Dec 11, 2029
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Description	Result
By Light Scattering	Methanol, four concentrations, 25°C $\lambda = 664 \text{ nm}$, $dn/dc = 0.145$	Mw=1020
By GPC/Light Scattering	Column Set: Ultrahydrogel Linear (2) Solvent: Water / 0.05M Sodium azide Concentration: 20 mg/ml Injection Volume: 50 μ l Flow Rate: 1.00 ml/min	Mw=1020 Mp=920 Mn=1000 Mw/Mn $\leq$ 1.02
By Hydroxyl Number	Hydroxyl Number = 110.5	Mn=1020



Note: In case of quality problem, please contact us within 15 days after receiving the products.

For laboratory use only, Not for human, drug or other uses.