



CERTIFICATE OF ANALYSIS

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Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 21600)
Catalog Number	34036114-0680
Lot Number	23P282-H6
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Apr 12, 2026
Retest date	Apr 11, 2030
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Description	Result
By Light Scattering	Methanol, four concentrations, 25°C	Mw=21700
	λ=633nm, dn/dc=0.140	
By Gel Permeation Chromatography	Column Set: Ultrahydrogel Linear (1)	Mw=21600
	Solvent: 80/20 Water/Acetonitrile 0.1M NaNO ₃	Mp=21500
	Concentration: 1 mg/ml	Mn=20400
	Injection Volume: 20 μl	
	Flow Rate: 1.0 ml/min	Mw/Mn ≤ 1.06
By Hydroxyl Number	Hydroxyl Number =5.52	Mn=20300



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.