



CERTIFICATE OF ANALYSIS

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Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 590)
Catalog Number	34036107-0673
Lot Number	23P282-B1
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Sep 21, 2025
Retest date	Sep 20, 2029
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Description	Result
By Gel Permeation Chromatography	Column Set: μ Styragel 500, $10^3\text{\AA}$	Mw=590
	Solvent: THF	Mp=600
	Concentration: 1 mg/ml	Mn=530
	Injection Volume: 20 μ l	
	Flow Rate: 1.0 ml/min	Mw/Mn $\leq$ 1.11
By Hydroxyl Number	Hydroxyl Number = 192	Mn=580



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