



CERTIFICATE OF ANALYSIS

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Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 420)
Catalog Number	34036106-0672
Lot Number	23P261-R1
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Apr 03, 2026
Retest date	Apr 02, 2029
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Specification	Result
By Hydroxyl Number	Hydroxyl Number = 290	Mn = 390
By Gel Permeation Chromatography	Column Set: μ Styragel 500, 10 ³ Å	Mw = 420
	Solvent: THF	Mp = 400
	Concentration: 1 mg/ml	Mn = 370
	Injection Volume: 20 μ l	
	Flow Rate: 1.0 ml/min	Mw/Mn $\leq$ 1.14



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