



CERTIFICATE OF ANALYSIS

SHANGHAI ZZBIO CO.,LTD. Tel no. 021-68404353 Tel no. 021-68920155
Hotline: 021-58979353 Email:info@zzsrm.com Web:www.zzsrm.cn

Product Information

Product Name	Poly(ethylene glycol) GPC Standard (PEG, Mw: 1510)
Catalog Number	34036109-0675
Lot Number	24B834-A1
CAS Number	25322-68-3
Molecular Formula	(C ₂ H ₄ O) _x H ₂ O
Test date	Oct 20, 2025
Retest date	Oct 19, 2029
Storage	0-8°C
Shipping Condition	Wet ice

Characterization

Test Item	Specification	Result
By GPC/Light Scattering	Column Set: Ultrahydrogel Linear (2)	Mw=1510
	Solvent: Water/0.05M Sodium azide	Mp=1410
	Concentration: 50 mg/ml	Mn=1450
	Injection Volume: 50 µl	
	Flow Rate: 1.00 ml/min	Mw/Mn ≤ 1.04
By Light Scattering	Methanol, four concentrations, 25°C	Mw=1520
	λ = 664nm, dn/dc = 0.145	
By Hydroxyl Number	Hydroxyl Number = 74.8	Mn=1500



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.