

Certificate of Analysis

Date of Testing: 2024-01-26 16:51:45
 Date of Next Testing: 2028-01-25 16:51:45
 Product Name: **Triton™ X-100**
 CAS Number: 9002-93-1
 Specifications & Purity: for electrophoresis
 Lot #: A2424335
 SKU #: **T109028**
Analysis: **318194**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	100.00
Color scale	0-100	50.00
CMC	0.2-0.9 (mmol/L)	0.50 mmol/L
Cloud Point	63-69 (°C)	65.00 °C
Density	1.058-1.065 (g/cm ³)	1.06 g/cm ³
Appearance (T109028)	Colorless to light yellow liquid	Colorless to light yellow liquid
Electrophoresis test	pass	Pass
HLB	13.5	13.5
Infrared spectrum	Conforms to Structure	Conforms to Structure
pour point (-7°C)	pass	Pass
Solubility in H ₂ O , Clear to Slightly Hazy , c = 1ml/10ml; Water	pass	Pass
UV spectrometry	Conforms to structure	Conforms to Structure



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