

Certificate of Analysis

Date of Testing:	2024-12-28 09:18:57
Date of Next Testing:	2028-12-27 09:18:57
Product Name:	Triton™ X-100
CAS Number:	9002-93-1
Specifications & Purity:	for electrophoresis
Lot #:	L2418564
SKU #	T109028
Version	0
Analysis #:	455413
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	100.00
Color scale	0-100	100.00
Density	1.06-1.07 (g/cm ³)	1.07 g/cm ³
CMC	0.2-0.9 (mmol/L)	0.50 mmol/L
Cloud Point	63-69 (°C)	64.00 °C
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;	pass	Pass
Water		
UV spectrometry	Conforms to structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager