

Certificate of Analysis

Date of Testing: 2024-09-12 17:05:02
Date of Next Testing: 2028-09-11 17:05:02
Product Name: **Triton™ X-100**
CAS Number: 9002-93-1
Specifications & Purity: for electrophoresis
Lot #: I2405114
SKU #: **T109028**
Version: **0**
Analysis #: **410599**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	150.00
Color scale	0-100	85.00
CMC	0.2-0.9 (mmol/L)	0.70 mmol/L
Cloud Point	63-69 (°C)	68.00 °C
Density	1.06-1.07 (g/cm ³)	1.07 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;	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