

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-22 19:07:07
 Date of Next Testing: 2028-08-21 19:07:07
 Product Name: **Triton™ X-100**
 CAS Number: 9002-93-1
 Specifications & Purity: for electrophoresis
 Lot #: H2415008
 SKU #: **T109028**
 Version: **0**
 Analysis #: **475670**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	105.00000
Color scale	0-100	49.00000
Density	1.06-1.07 (g/cm ³)	1.06720 g/cm ³
CMC	0.2-0.9 (mmol/L)	0.50000 mmol/L
Cloud Point	63-69 (°C)	65.19000 °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; Water	pass	Pass
UV spectrometry	Conforms to structure	Conforms to Structure



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager