

## Certificate of Analysis

Date of Testing: 2022-09-28 16:14:47  
Date of Next Testing: 2026-09-27 16:14:47  
Product Name: **Triton™ X-100**  
CAS Number: 9002-93-1  
Specifications & Purity: for electrophoresis  
Lot #: I2223524  
SKU #: **T109028**  
**Analysis:** **140879**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Aggregation Number	100-155	153.11
Color scale	0-100	99.23
Density	1.058-1.065 (g/cm <sup>3</sup> )	1.06 g/cm <sup>3</sup>
CMC	0.2-0.9 (mmol/L)	0.23 mmol/L
Cloud Point	63-69 (°C)	63.01 °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 <sub>2</sub> O , Clear to Slightly Hazy , c = 1ml/10ml; Water	pass	Pass
UV spectrometry	Conforms to structure	Conforms to Structure



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