

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-13 10:57:38

Date of Next Testing: 2027-11-13 10:57:38

Product Name: **Triton™ X-100**

CAS Number: 9002-93-1

Specifications & Purity: Biochemical, peroxide value ≤ 7 meq/kg

Lot #: K2512002

SKU #: **T1506720**

Version: **1**

Analysis #: **608854**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Peroxide value	0-7 (meq/kg)	1.06780 meq/kg
Specific Gravity (20/20°C)	≥ 0.98 (g/ml)	1.00000 g/ml
pH(25g/L, 25.0 $\pm$ 1.0°C)	3.90-7.50	5.25000
The Average Value of N	8.5-11.5	9.60000
Cloud point(1% in H ₂ O)	63-69 (°C)	63.00000 °C
Refractive index n _{20/D}	1.485-1.495	1.49160
Appearance(T1506720)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Suitability for protein-analysis	to pass test	to pass test
Solubility in H ₂ O , Colorless to Light Yellow, Clear to Hazy, 0.1mg/ml	pass	Pass



John Su
QA & QC Manager