

Certificate of Analysis

Date of Testing: 2024-08-15 14:22:02
Date of Next Testing: 2026-08-05 14:22:02
Product Name: **Triton™ X-100**
CAS Number: 9002-93-1
Specifications & Purity: for molecular biology
Lot #: A2129026
SKU #: **T109027**
Version: **1**
Analysis #: **399701**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sodium(Na)	0-0.1 (%)	0.04 %
Potassium(K)	0-0.05 (%)	0.02 %
Water by Karl Fischer	0-0.1 (%)	0.02 %
Iron(Fe)	0-5 (ppm)	0.00 ppm
Heavy metals	0-5 (ppm)	2.38 ppm
Appearance (T109027)	Colorless to light yellow liquid	Colorless to light yellow liquid
DNases,RNases,	none detected	none detected
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless to Faint Yellow,Clear to Hazy,1ml/10ml	pass	Pass



John Su
QA & QC Manager