

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-29 17:23:38  
 Date of Next Testing: 2028-12-28 17:23:38  
 Product Name: **Triton™ X-100**  
 CAS Number: 9002-93-1  
 Specifications & Purity: UltraBio™, Ultra pure  
 Lot #: L2519123  
 SKU #: **T434386**  
 Version: **1**  
 Analysis #: **632451**  
 Storage Temperature: Room temperature

| Parameter                | Limit Values                     | Result                           |
|--------------------------|----------------------------------|----------------------------------|
| Residue on ignition(Ash) | 0-0.4 (%)                        | 0.02000 %                        |
| Chloride Content         | 0-0.05 (%)                       | 0.01500 %                        |
| Sulfate(SO42-)           | 0-0.05 (%)                       | 0.00000 %                        |
| Aluminum(Al)             | 0-5 (ppm)                        | 0.10000 ppm                      |
| Phosphorus (P)           | 0-0.05 (%)                       | 0.00000 %                        |
| Lead(Pb)                 | 0-0.001 (%)                      | 0.00000 %                        |
| Iron(Fe)                 | 0-5 (ppm)                        | 0.00000 ppm                      |
| Copper(Cu)               | 0-5 (ppm)                        | 0.00000 ppm                      |
| Zinc(Zn)                 | 0-5 (ppm)                        | 0.00000 ppm                      |
| Calcium(Ca)              | 0-5 (ppm)                        | 0.00000 ppm                      |
| Magnesium(Mg)            | 0-5 (ppm)                        | 0.00000 ppm                      |
| Sodium(Na)               | 0-0.1 (%)                        | 0.00000 %                        |
| Potassium(K)             | 0-0.005 (%)                      | 0.00000 %                        |
| Ammonia (NH4)            | 0-0.05 (%)                       | 0.00200 %                        |
| Appearance(T434386)      | Colorless to Light Yellow Liquid | Colorless to light yellow liquid |
| Infrared spectrum        | Conforms to Structure            | Conforms to Structure            |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager