

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-08 15:50:37

Date of Next Testing: 2027-08-08 15:50:37

Product Name: **Triton™ X-100**

CAS Number: 9002-93-1

Specifications & Purity: Biochemical

Lot #: H2507188

SKU #: **T109026**

Version: **2**

Analysis #: **547941**

Storage Temperature: Room temperature

| Parameter                                                                         | Limit Values                     | Result                           |
|-----------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Density (20°C)                                                                    | 1.06-1.07                        | 1.06870                          |
| Cloud point(1% in H <sub>2</sub> O)                                               | 63-69 (°C)                       | 64.00000 °C                      |
| Refractive index n <sub>20</sub> /D                                               | 1.485-1.495                      | 1.48550                          |
| The Average Value of N                                                            | 8.5-11.5                         | 9.90000                          |
| Appearance (T109026)                                                              | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Solubility in H <sub>2</sub> O , Colorless to Light Yellow,Clear to Hazy,0.1mg/ml | pass                             | Pass                             |
| Infrared spectrum                                                                 | Conforms to Structure            | Conforms to Structure            |
| Suitability for protein-analysis                                                  | to pass test                     | to pass test                     |



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QA & QC Manager