

## Certificate of Analysis

Date of Testing: 2023-12-20 15:59:07  
Date of Next Testing: 2025-12-19 15:59:07  
Product Name: **Triton™ X-100**  
CAS Number: 9002-93-1  
Specifications & Purity: Biochemical grade  
Lot #: B2212383  
SKU #: **T109026**  
**Analysis:** **306968**  
Storage Temperature: Room temperature

| Parameter   | Limit Values                     | Result                           |
|---|----------------------------------|----------------------------------|
| Density (20°C)  | 1.06-1.07                        | 1.07                             |
| Cloud point(1% in H <sub>2</sub> O)   | 63-69 (°C)                       | 65.20 °C                         |
| Refractive index n <sub>20</sub> /D   | 1.485-1.495                      | 1.49                             |
| The Average Value of N  | 8.5-11.5                         | 10.00000                         |
| Appearance (T109026)  | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum   | Conforms to Structure            | Conforms to Structure            |
| Solubility in H <sub>2</sub> O , Colorless to Light Yellow,Clear to Hazy,0.1mg/ml | pass                             | Pass                             |
| Suitability for protein-analysis  | to pass test                     | to pass test                     |



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