

Certificate of Quality

Product Name: Triton X-100
Product Number: T6200G
CAS Number: 9002-93-1
Lot Number: 73TN5281

Formula: (C2H4O)n C14H22O

Formula Weight: 647 g/mol
Quality Release Date: 2022-09-29
Recommended Retest Date: 2025-09

Storage Temperature: Room Temperature

| Test | Specification | Result |
|-------------------------------|---------------------------|------------------|
| Appearance (Clarity) | Clear to Slightly Hazy | Clear |
| Appearance (Color) | Colorless to Light Yellow | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Solubility (Turbidity) | | |
| 0.1 mL/mL of H ₂ O | Clear to Slightly Hazy | Clear |
| Solubility (Color) | Colorless to Faint Yellow | Almost Colorless |
| Infrared Spectrum | Conforms to Structure | Conforms |
| Water (by Karl Fischer) | ≤1.00 % | 0.04% |
| Sodium (Na) | ≤0.1 % | < 0.1 % |
| Heavy Metals | ≤5.0 ppm | < 5.0 ppm |
| Iron (Fe) | ≤5.0 ppm | < 5.0 ppm |

Conclusion: The product complies with enterprise standard.

