

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-16 14:49:33
Date of Next Testing: 2026-11-15 14:49:33
Product Name: **Triton™ X-114**
CAS Number: 9036-19-5
Specifications & Purity: reagent grade
Lot #: K2208597
SKU #: **T101474**
Analysis: 149465
Storage Temperature: Room temperature, Argon charged

| Parameter | Limit Values | Result |
|---|---|---|
| Color scale | 0-100 | 10.00 |
| Refractive index n ₂₀ /D | 1.488-1.495 | 1.49 |
| Density (25°C) | 1.05-1.06 | 1.05 |
| Sulfate(SO ₄ ²⁻) | 0-0.005 (%) | 0.00 % |
| Water by Karl Fischer | 0-1 (%) | 0.39 % |
| Cloud Point | 22-28 (°C) | 24.28 °C |
| Heavy metal (as Pb) | 0-0.0005 (ppm) | 0.00 ppm |
| Appearance (T101474) | Clear to Very Slightly Hazy to Light Yellow Viscous Liquid | Clear to Very Slightly Hazy to Light Yellow Viscous Liquid |
| Active Content | 100 wt% | 100 wt% |
| HLB value | 12.4 | 12.4 |
| PH(6,5% aqueous solution) | Conforms | Conforms |
| pour point (-9°C) | pass | Pass |
| viscosity , 260 cP (25°C) | Conforms | Conforms |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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

John Su
QA & QC Manager