

## Certificate of Analysis

Date of Testing: 2023-05-04 17:20:28  
Date of Next Testing: 2027-05-03 17:20:28  
Product Name: **Triton™ X-114**  
CAS Number: 9036-19-5  
Specifications & Purity: reagent grade  
Lot #: D23261025  
SKU #: **T101474**  
**Analysis:** **211404**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Color scale	0-100	5.00
Refractive index n <sub>20</sub> /D	1.488-1.495	1.50
Density (25°C)	1.05-1.06	1.06
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Water by Karl Fischer	0-1 (%)	0.50 %
Cloud Point	22-28 (°C)	24.60 °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". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager