

Certificate of Analysis

Date of Testing:	2023-01-09 11:02:06
Date of Next Testing:	2027-01-08 11:02:06
Product Name:	Triton™ X-114
CAS Number:	9036-19-5
Specifications & Purity:	reagent grade
Lot #:	L2215877
SKU #	T101474
Analysis:	159981
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Color scale	0-100	12.00
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 (%)	0.42 %
Cloud Point	22-28 (°C)	24.38 °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