

Certificate of Analysis

Date of Testing:	2023-09-09 10:01:04
Date of Next Testing:	2027-09-08 10:01:04
Product Name:	Triton™ X-114
CAS Number:	9036-19-5
Specifications & Purity:	reagent grade
Lot #:	I2307058
SKU #	T101474
Analysis:	250786
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Color scale	0-100	6.00
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 (%)	0.54 %
Cloud Point	22-28 (°C)	24.80 °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