

## Certificate of Analysis

Date of Testing:	2024-02-20 16:46:32
Date of Next Testing:	2027-02-19 16:46:32
Product Name:	<b>Tetrahydrofuran</b>
CAS Number:	109-99-9
Specifications & Purity:	UV/VIS spectroscopy Grade
Lot #:	B2401238
SKU #	<b>T431414</b>
<b>Analysis:</b>	<b>317319</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Purity(GC)	99.9-100 (%)	99.93%
Evaporation Residue	0-2 (ppm)	0.00 ppm
Acidity	0-0.0002 (meq/g)	0.00000 meq/g
Alkalinity	0-0.0002 (meq/g)	0.00000 meq/g
Fluorescence (as quinine at 254nm)	0-1 (ppb)	0.74710 ppb
Transmission (at 215 nm)	≥30 (%)	32.40000 %
Transmission 245 nm	≥50 (%)	75.50 %
Transmission 265 nm	≥80 (%)	90.60 %
Transmission (at 275 nm)	≥90 (%)	94.20000 %
Transmission (from 310 nm)	≥98 (%)	98.70000 %
UV Absorbance 245nm	0-0.3	0.11
UV Absorbance 265nm	0-0.1	0.03400
UV Absorbance 275nm	0-0.05	0.02
Absorbance (from 310 nm)	0-0.01	0.00700
Water by Karl Fischer	0-0.01 (%)	0.01 %
Fluorescence (as quinine at 365nm)	0-1 (ppb)	0.69900 ppb
UV Absorbance 215nm	0-0.52	0.46
Appearance(T431414)	Colorless liquid	Colorless liquid
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