



1000 TEDIA WAY  
FAIRFIELD, OHIO, 45014, USA  
SALES@TEDIA.COM

## SPECIFICATIONS

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Name: Tetrahydrofuran, Inhibitor Free  
Catalog No: TS2121  
Grade: HPLC/Spectro

<u>Test Name</u>	<u>Limits</u>
Description	Passes Test
Clear colorless liquid free of suspended matter	Min 99.9 %
Assay (by GC-FID)	
Assay (by GC-FID)	
(Corrected for Water)	Min 99.9 %
Color	Max 10 APHA
Identification by	
IR Spectroscopy	Passes Test
Peroxides (TiCl4)	
(at time of packaging)	Max 10 ppm
Peroxides/Epoxides	
(at time of packaging)	Max 0.015 %
(as Hydrogen peroxide at time of packaging)	Max 0.015 %
Residue after Evaporation	Max 1 mg/L
Titration Acid	Max 0.0008 meq/g
Acidity	Max 0.0005 meq/g
Water	
(by KF coulometry)	Max 100 ppm
UV cut-off	Max 210 nm
Optical Absorbance at	
210 nm	Max 1.000 AU
212 nm	Max 1.000 AU
215 nm	Max 0.600 AU
225 nm	Max 0.500 AU
230 nm	Max 0.3 AU
240 nm	Max 0.222 AU
250 nm	Max 0.155 AU
254 nm	Max 0.150 AU
260 nm	Max 0.097 AU
280 nm	Max 0.018 AU
300 nm	Max 0.009 AU
320 nm	Max 0.005 AU
350 nm	Max 0.005 AU
400 nm	Max 0.005 AU
Transmittance at	
230 nm	Min 40 %
240 nm	Min 60 %

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.



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Name: Tetrahydrofuran, Inhibitor Free  
Catalog No: TS2121  
Grade: HPLC/Spectro

<u>Test Name</u>	<u>Limits</u>
250 nm	Min 70 %
260 nm	Min 80 %
280 nm	Min 96 %
300 nm	Min 98 %

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