



**Certificate of Analysis
TETRAHYDROFURAN, ACS/HPLC
(No Preservative)**

CAT.No:	CP-C1591	Molecular Formula:	C ₄ H ₈ O
CAS No:	109-99-9	Formula Weight:	72.11 g/mol
Lot No:	EF950CP	EC No:	203-726-8
Mfd. Date:	December 29, 2022	Boiling pt	66 C
Retest Date:	December 18, 2025	Density:	0.889 g/mol @25C
Storage:	RT	Flash Pt:	-14°C or 7F

SPECIFICATIONS

<u>TEST</u>		<u>> RESULTS</u>
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to structure	Conforms
Assay (GC)	99.0% Min	>99.99%
Color (APHA)	10 Max	< 10
Peroxides (as H ₂ O ₂)	0.05% Max	<0.050%
Residue after Evaporation	0.0005% Max	<0.0005 %
Water (by KF coulometry)	0.05%	<0.01%
UV Absorbance 400nm	<0.005	<0.0001
UV Absorbance 350nm	<0.005	<0.0001
UV Absorbance 315nm	<0.0044	<0.0002
UV Absorbance 300nm	<0.020	0.0034
UV Absorbance 275nm	<0.046	0.0331
UV Absorbance 250nm	<0.180	0.1793
UV Absorbance 245nm	<0.26	0.15
UV Absorbance 212nm	<1.0	0.4954
Free Acid (as acetic acid)	<0.002%	<0.002%

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