



**ChemPure* Brand
Chemicals**

October 5, 2021

...Pure Quality

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

CAT.No: CP-C1591
CAS No: 109-99-9
Lot No: SHBN6926CP
Mfd. Date: October 5, 2021
Retest Date: October, 2024
Storage: RT

Molecular Formula: C₄H₈O
Formula Weight: 72.11 g/mol
EC No: 203-726-8
Boiling pt: 66 C
Density: 0.889 g/mol @25C
Flash Pt: -14°C or 7F

SPECIFICATIONS

TEST		> RESULTS
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to structure	Conforms
Assay (GC)	99.0% Min	99.97%
Color (APHA)	20 Max	< 5 %
Peroxides (as H ₂ O ₂)	0.05% Max	<0.01%
Residue after Evaporation	0.0005% Max	<0.0001 %
Water (by KF coulometry)	0.05%	0.02%
UV Absorbance 400nm	<0.005	<0.001
UV Absorbance 350nm	<0.005	<0.001
UV Absorbance 315nm	<0.0044	<0.001
UV Absorbance 300nm	<0.02	<0.01
UV Absorbance 275nm	<0.046	0.006
UV Absorbance 250nm	<0.18	0.05
UV Absorbance 245nm	<0.26	0.07
UV Absorbance 212nm	<1.0	0.3
Free Acid (as acetic acid)	<0.002%	<0.001%

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Jorge L. Villanueva Ph.D., General Manager