



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

CAT.No: CP-C1591  
CAS No: 109-99-9  
Lot No: SHBP1500CP  
Mfd. Date: January 21, 2022  
Retest Date: January, 2025  
Storage: RT

Molecular Formula: C<sub>4</sub>H<sub>8</sub>O  
Formula Weight: 72.11 g/mol  
EC No: 203-726-8  
Boiling pt: 66 C  
Density: 0.889 g/mol @25°C  
Flash Pt: -14°C or 7F

**SPECIFICATIONS**

<u>TEST</u>		<u>&gt; RESULTS</u>
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to structure	Conforms
Assay (GC)	99.0% Min	99.98%
Color (APHA)	20 Max	< 5 %
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	0.05% Max	<0.001%
Residue after Evaporation	0.0005% Max	<0.0001 %
Water (by KF coulometry)	0.05%	<0.01%
UV Absorbance 400nm	<0.005	<0.001
UV Absorbance 350nm	<0.005	<0.001
UV Absorbance 315nm	<0.0044	<0.0001
UV Absorbance 300nm	<0.02	<0.01
UV Absorbance 275nm	<0.046	0.028
UV Absorbance 250nm	<0.18	0.12
UV Absorbance 245nm	<0.26	0.15
UV Absorbance 212nm	<1.0	0.5
Free Acid (as acetic acid)	<0.002%	<0.001%

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Jorge L. Villanueva Ph.D., General Manager