



**PRODUCT SPECIFICATION SHEET  
TETRAHYDROFURAN**

GLASS PURIFIED, GLASS DISTILLED  
MEETS HRGC/HPLC-TRACE GRADE MONOGRAPHS

Catalog #: 346000DIS

Available in the following sizes:

**4x4 liter Amber Glass, 6x1 liter Amber Glass**

Gas Chromatographic Analysis of this product using an electron capture detector shows no peaks with a response greater than 10 pg/ml as Heptachlor Epoxide.

PRODUCT SPECIFICATIONS	LIMITS	TYPICAL LOT ANALYSIS
GC-ECD	To Pass	Pass
UV Absorbance @ 212 nm	1.000 max	0.777
225 nm	0.500 max	0.342
250 nm	0.20 max	0.14
280 nm	0.030 max	0.0190
350 nm	0.010 max	0.001
Assay by GC, min	99.7 %	99.99%
Color (APHA) max	10	<5
Appearance	Clear	Clear
Water, max	0.03%	0.002%
Residue after evaporation	5 ppm	< 5 ppm
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	0.015%	< 0.001
Specific Gravity	0.885-0.890	0.888
Total Organic Impurities	0.08%	<0.01%
Liquid Chromatography (ACS)	To Pass Test(s)	
Absorbance (UV)		Pass
Gradient Elution		Pass
Gradient Analysis @	254 nm	Pass
Identification (IR/GC)	To Conform	Pass
Filtered to 0.2 um max	Per Lot	Pass

Form, Tetrahydrofuran, distilled, #101, Rev 2.4, 06/16, KAD

**Purified, dried and distilled in glass-Suitable for:**

High Resolution Gas Chromatography, Mass Spectroscopy, Trace Organic Analysis, Pesticide Analysis, Critical HPLC, Routine HPLC Analysis. Meets All Applicable Specifications Including HPLC Grade ACS, Spectrophotometric Grade ACS & Reagent Grade ACS.

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.