



**PRODUCT SPECIFICATIONS SHEET**  
**ACETONE**  
**GLASS PURIFIED, GLASS DISTILLED**  
**MEETS HRGC/HPLC – TRACE GRADE MONOGRAPHS**

Main Catalog Number: 329000DIS    Alt. Catalog Nos: 32900HPLC, 329000ACS

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

Available in the following sizes:

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

Product Specifications	Limits	Typical Lot Analysis
GC-ECD	10 ppt max	0.5 ppt
UV Absorbance @ 330 nm	1.000 max	0.6526
340 nm	0.100 max	0.0428
350 nm	0.020 max	0.0006
375 nm	0.010 max	0.0000
400 nm	0.005 max	0.0000
Assay, (GC), min	99.9%	99.98%
Residue After Evaporation	3 ppm max	<1 ppm
Boiling Range	56-57C	Pass
Color (APHA), max	10	1
Fluorescence Background	1 ppb	<1ppb
Appearance	Clear	Clear
Solubility in Water	To Pass Test	Pass
Titration Acid, max	0.0003 meq/g	0.00017
Titration Base, max	0.0006 meq/g	0.00016
Aldehyde (as HCHO), max	0.002%	Pass
IPA, max	0.05%	ND
Methanol, max	0.05%	0.016
Substances Red. KMnO <sub>4</sub>	To Pass Test	Pass
Water, max	0.5%	0.2%
Specific Gravity @ 25C	0.7890, max.	Pass
Liquid Chromatography (ACS)	To Pass Test(s)	
Absorbance (UV)		Pass
Gradient Elution		Pass
Gradient Analysis		Pass
Identification (IR/GC)	To Conform	Pass
Filtered to 0.2 um max	Per Lot	Pass

Form Acetone Distilled, # 201, Rev. 2.4, 06/16, KAD

Purified, dried and distilled in glass – Suitable for: High Resolution Gas Chromatography, Mass Spectroscopy, Trace Organic Analysis, Critical and Routine HPLC. Meets all other ACS Specifications for General Use Reagent, Spectrophotometric Analysis and General Use HPLC.

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.