



**PRODUCT SPECIFICATION SHEET**  
**ACETONITRILE**  
**GLASS PURIFIED, GLASS DISTILLED**  
**MEETS HPLC GRADE MONOGRAPHS**

Main Catalog Number: 300000DIS  
 Alt. Cat. Nos: 30000HPLC

Available in the following sizes:

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

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

Product Specifications	Limits	Typical Lot Analysis
UV Absorbance , A.U @ 190 nm	1.000 max	0.357
195 nm	0.150 max	0.065
200 nm	0.070 max	0.010
205 nm	0.050 max	0.005
210 nm	0.040 max	0.004
220 nm	0.020 max	0.000
254 nm	0.010 max	0.000
Assay, (GC), min	99.9%	99.9%
Residue After Evaporation	3 ppm max	<1 ppm
Fluorescence Background	1 ppb	<1 ppb
Color (APHA), max	10	3
Appearance	Clear	Clear
Titration Acid, max	0.001 meq/g	0.0007
Titration Base, max	0.0001 meq/g	<0.0001
Substances Red. KMnO <sub>4</sub>	To Pass Test	Pass
Water, max	0.01%	0.009%
Liquid Chromatography (ACS)	To pass test(s)	
Absorbance (UV)		Pass
Gradient Elution		Pass
Gradient Analysis @	254 nm	Pass
Gradient Analysis @	210 nm	Pass
Identification (IR/GC)	To Conform	Pass
Filtered to 0.2 um max	Per Lot	Pass

Form: Acetonitrile, Distilled, #301, rev. 2.4, 06/16, KAD

Purified, dried and distilled in glass – suitable for: High Resolution Gas Chromatography, 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.