



PRODUCT SPECIFICATION SHEET
ETHYL ETHER
GLASS PURIFIED, GLASS DISTILLED
MEETS HRGC/HPLC-TRACE GRADE MONOGRAPHS

Main Catalog No: 373000DIS Alt. Cat. No:37300HPLC, 373000ACS

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
GC-ECD	10 ppt max	<5ppt
UV Absorbance @ 212 nm	1.000 max	0.839
250 nm	0.080 max	0.078
275 nm	0.010 max	0.002
300 nm	0.005 max	0.002
350 nm	0.005 max	0.000
400 nm	0.005 max	0.000
Assay, Ethyl Ether, (GC-FID) (including ethanol)	99.9% min	99.99%
Residue After Evaporation	3 ppm max	<1 ppm
Color (APHA), max	10	<5
Fluorescence Background	1 ppb	<1 ppb
Appearance	Clear	Clear
Titration Acid, max	0.0002 meq/g	<0.0001
Water, max	0.02 %	0.004%
Density @ 25C	0.708-0.710	0.708
Peroxide (as H2O2)	5 ppm max	<1 ppm
Preservative – Ethanol (v/v)	1.5-2.5%	2.00%
Refractive Index @ 25C	1.3490-1.3520	1.3498
Substances Darkened by H2SO4	To Pass	Pass
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 Ethyl Ether-Distilled, #101, Rev. 2.6, 06/16. KAD

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.