

Certificate of Analysis



Date of Release: 8/7/2014
Name: Ethyl Ether
OmniSolv®, Unstabilized
Item No: EX0182 all size codes
Lot / Batch No: 54213
Country of Origin: USA

Characteristic	Requirement		Results	Units
	Min.	Max.		
#Expiration date			1-AUG-2015	
Appearance			Clear liquid free from particulates	
Assay (GC)	99.9		99.95	%
Capillary ECD responsive substances (as PCNB)		10	0.49	ng/L
Color (APHA)		10	< 10	
Filtered for particulate matter			Passes test	
Form			Clear liquid	
Peroxide (as H ₂ O ₂) (at time of packaging)		1	<0.1	ppm
Refractive index (n 20/D)	1.3471	1.3571	1.3522	
Residue after evaporation		1.0	< 0.1	ppm
UV Abs. at 212 nm		1.000	0.561	AU
UV Abs. at 250 nm		0.080	0.040	AU
UV Abs. at 275 nm		0.010	0.002	AU
UV Abs. at 300 nm		0.005	< 0.001	AU
UV Abs. at 400 nm		0.005	< 0.001	AU
UV Cut-off		212	207.8	nm
Water (H ₂ O)		0.030	0.013	%

Gene Desotelle

Quality Control Manager

This document has been produced electronically and is valid without a signature.

EMD Millipore is a division of Merck KGaA, Darmstadt, Germany
EMD Millipore Corporation
290 Concord Road
Billerica, MA 01821
U.S.A