



Chloroform

PHOTREX[®] Reagent
For Spectrophotometry

Contains about 1% Ethanol as a Preservative

Product No. 9183

Lot No. L15B13

Release Date 04/11/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Assay (CHCl ₃) (by GC)	99.8 % min.	99.9 %
Color (APHA)	10 max.	5
Residue after Evaporation	5 ppm max.	< 1 ppm
Acetone, Aldehydes (as (CH ₃) ₂ CO)	Passes Test	Passes Test
Acid and Chloride	Passes Test	Passes Test
Free Chlorine	Passes Test	Passes Test
Lead (Pb)	0.05 ppm max.	< 0.05 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Suitability for Use in Dithizone Tests	Passes Test	Passes Test
Water (by KF, coulometric)	0.03 % max.	0.006 %
Ultraviolet Absorbance		
(1.00-cm cell vs. water):		
400-290 nm	0.01 max.	< 0.002
270 nm	0.05 max.	0.003
260 nm	0.15 max.	0.03
255 nm	0.25 max.	0.08
245 nm	1.00 max.	0.61
Product Information (not specifications):		
Density (g/mL) at 25°C (typical)	1.474	
Windows of Infrared Transmittance (0.1-mm path, 50-100% T), um:		
	2.5 - 3.3	
	3.4 - 8.0	
	8.4 - 12.2	
For Laboratory, Research or Manufacturing Use		
Country of Origin: USA		



Phillipsburg, NJ 9001.2008, 14001.2004
 Paris, KY 9001.2008
 Mexico City, Mexico 9001.2008
 Deventer, The Netherlands 9001.2008, 14001.2004, 13485.2003
 Selangor, Malaysia 9001.2008
 Panaji, India 9001.2008
 Gliwice, Poland 9001.2008, 17025.2005

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For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600

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