



2,2,4-Trimethylpentane

PHOTREX[®] Reagent
For Spectrophotometry
(iso-octane)

Product No. 9479
Lot No. K19J04
Release Date 05/25/2011

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Meets A.C.S. Specifications		
Assay ((CH ₃) ₃ CCH ₂ CH(CH ₃) ₂) (by GC, corrected for water)	99.0 % min.	99.9 %
Color (APHA)	10 max.	< 5
Residue after Evaporation	0.0005 % max.	< 0.0001 %
Sulfur Compounds (as S)	0.005 % max.	< 0.003 %
Water (by KF, coulometric)	0.05 % max.	< 0.01 %
Water-Soluble Titration Acid, meq/g	0.0003 max.	< 0.0001
Ultraviolet Absorbance		
(1.00-cm cell vs. water):		
400-250 nm	0.01 max.	0.003
240 nm	0.04 max.	0.01
230 nm	0.10 max.	0.03
220 nm	0.20 max.	0.08
210 nm	1.00 max.	0.24
Product Information (not specifications):		
Boiling Point (typical)	99.3 °C.	
Density (g/mL) at 25°C (typical)	0.690	
Windows of Infrared Transmittance (0.1-mm path, 50-100% T), um:		
	2.5 - 3.3	
	3.6 - 6.6	
	7.5 - 7.7	
	8.7 - 10.2	
	10.3 - 15.0	
For Laboratory, Research or Manufacturin	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 1-800-582-2537 or 908-859-2151
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