



Pentane

'BAKER ANALYZED'® HPLC Solvent
For use in Liquid Chromatography (HPLC & UHPLC) & Spectrophotometry

Product No. 9331
Lot No. L03E26
Release Date 01/20/2012

Certificate of Analysis

TEST	SPECIFICATION	RESULT
Ultraviolet Absorbance		
(1.00-cm cell vs. water):		
400-245 nm	0.01 max.	0.006
220 nm	0.10 max.	0.03
210 nm	0.4 max.	0.07
UV Cut-off, nm	190 max.	< 188
Fluorescence Trace Impurities, in ppb, measured as Quinine Base:		
at 450 nm Emission	0.5 max.	0.1
at Emission Maximum for Impurities	1.5 max.	0.4
Assay ($\text{CH}_3(\text{CH}_2)_3\text{CH}_3$) (by GC, corrected for water)	99.0 % min.	99.7 %
Residue after Evaporation	1 ppm max.	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	0.01 % max.	< 0.005 %
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

Richard M. Siberski
Richard M. Siberski
 Global Director of Quality Assurance

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

Avantor™ Performance Materials, Inc.

3477 Corporate Parkway • Suite #200 • Center Valley, PA 18034 • U.S.A. • Phone: 610.573.2600 • Fax: 610.573.2610