



# Hexanes (95% n-hexane)

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

**Product No. 9304**  
**Lot No. L11E15**  
**Release Date 04/25/2012**

## Certificate of Analysis

TEST	SPECIFICATION	RESULT
Ultraviolet Absorbance		
<b>(1.00-cm cell vs. water):</b>		
350 nm	0.005 max.	< 0.002
280 nm	0.005 max.	< 0.002
254 nm	0.008 max.	< 0.002
220 nm	0.08 max.	0.06
210 nm	0.2 max.	0.2
UV Cut-off, nm	192 max.	191
<b>Fluorescence Trace Impurities, in ppb, measured as Quinine Base:</b>		
at 450 nm Emission	0.3 max.	0.09
at Emission Maximum for Impurities	1.0 max.	0.3
Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)	99.5 % min.	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	95.0 % min.	98.1 %
Residue after Evaporation	2 ppm max.	0.7 ppm
Substances Darkened by H <sub>2</sub> SO <sub>4</sub>	Passes Test	Passes Test
Water (by KF, coulometric)	0.01 % max.	0.003 %
<b>Product Information (not specifications):</b>		
Density (g/mL) at 25°C (typical)	0.663	
Filtered through a 0.2 micron filter.		
Packaged under Nitrogen.		
For Laboratory, Research or Manufacturing Use		
<b>USE BEFORE (glass bottles)..... N/A</b>		
<b>USE BEFORE (cycletainers)..... N/A</b>		
<b>USE BEFORE (glass bottles)..... N/A</b>		
<b>USE BEFORE (cycletainers)..... April 30, 2014</b>		
Country of Origin: USA		
<div> <div>ISO</div> <div> 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 </div> </div> <div>   Richard M. Siberski  Global Director of Quality Assurance </div>		

For questions on this Certificate of Analysis please contact Technical Services at 855-282-6867 or 610-573-2600  
Avantor™ Performance Materials, Inc.

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