

# Certificate of Analysis



Date of Release: 12/12/2024  
 Name: Hexanes  
 OmniSolv®, UV Transparent  
 Item No: HX0296 all size codes  
 Lot / Batch No: 64348  
 Country of Origin: USA

502811  
 H1952-4L

Characteristic	Requirement		Results	Units
	Min.	Max.		
Assay (n-hexane)			68.60	%
Assay (total aliphatic hydrocarbons less than C8)	99.8		99.99	%
Assay (total hexane isomers + methylcyclopentane)	98.5		99.99	%
Boiling range	66.1	69.4	67.2– 68.7	°C
Capillary ECD responsive substances (as PCNB)		5	0.85	ng/L
Capillary FID responsive substances (as decane)		3	< 0.10	µg/L
Color (APHA)		10	< 10	
Evaporation residue		1	< 0.5	ppm
Filtered through 0.2 µm filter			Passes test	
Fluorescence (as quinine base)		250	123	ppt
Form			Clear liquid	
Identity (IR-spectrum)			Conforms	
Refractive index (at 20 °C)			1.3790	
UV Abs. at 195 nm		1.00	0.175	AU
UV Abs. at 200 nm		0.50	0.135	AU
UV Abs. at 210 nm		0.20	0.042	AU
UV Abs. at 220 nm		0.05	0.010	AU
UV Abs. at 230 nm		0.05	0.002	AU
UV Abs. at 250 nm		0.01	< 0.001	AU
UV Abs. at 280 nm		0.005	< 0.001	AU
UV Cut-off		195	193.5	nm
Water (H2O)		0.01	0.0026	%

Michael Hutchinson,  
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 Quality Control Manager

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 EMD Millipore Corporation  
 400 Summit Drive,  
 Burlington, MA 01803  
 U.S.A