



Certificate of Analysis

1.04367.0000 n-Hexane for analysis EMSURE® ACS
Batch K56746967

	Spec. Values		Batch Values	
Purity (GC)	≥ 99.0	%	99.3	%
Identity (IR)	conforms		conforms	
Color	≤ 10	Hazen	< 5	Hazen
Alkalinity	≤ 0.0002	meq/g	< 0.0002	meq/g
Acidity	≤ 0.0002	meq/g	< 0.0001	meq/g
Density (d 20 °C/ 4 °C)	0.659 - 0.662		0.660	
Thiophene	conforms		conforms	
Aromatics (as benzene)	≤ 0.01	%	< 0.01	%
Sulfur compounds (as S)	≤ 0.005	%	≤ 0.005	%
Matter discolored by H ₂ SO ₄	≤ 10	Hazen	≤ 10	Hazen
Al (Aluminium)	≤ 0.00005	%	≤ 0.00005	%
B (Boron)	≤ 0.000002	%	≤ 0.000002	%
Ba (Barium)	≤ 0.00001	%	≤ 0.00001	%
Ca (Calcium)	≤ 0.00005	%	≤ 0.00005	%
Cd (Cadmium)	≤ 0.000005	%	≤ 0.000005	%
Co (Cobalt)	≤ 0.000002	%	≤ 0.000002	%
Cr (Chromium)	≤ 0.000002	%	≤ 0.000002	%
Cu (Copper)	≤ 0.000002	%	≤ 0.000002	%
Fe (Iron)	≤ 0.00001	%	≤ 0.00001	%
Mg (Magnesium)	≤ 0.00001	%	≤ 0.00001	%
Mn (Manganese)	≤ 0.000002	%	≤ 0.000002	%
Ni (Nickel)	≤ 0.000002	%	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%	≤ 0.00001	%
Sn (Tin)	≤ 0.00001	%	≤ 0.00001	%
Zn (Zinc)	≤ 0.00001	%	≤ 0.00001	%
Evaporation residue	≤ 0.001	%	< 0.001	%
Water	≤ 0.005	%	< 0.005	%

ACS

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Jeannette David
Responsible laboratory manager quality control

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