



Specification

1.04374.0000 n-Hexane for analysis EMSURE® ACS, Reag. Ph Eur

Specification		
Purity (GC)	≥ 96.0	%
Purity Σ hexane isomers + methylcyclopentane (GC)	≥ 98.5	%
Identity (IR)	conforms	
Color	≤ 10	Hazen
Water-soluble titrable acid	≤ 0.0003	meq/g
Refractive index (n _{20/D})	1.375 - 1.376	
Density (d _{20 °C/20 °C})	0.659 - 0.663	
Boiling range (min.95 %)	67 - 69	°C
Transmission (between 260 nm and 420 nm)	≥ 97	%
Thiophene	conforms	
Aromatics (as benzene)	≤ 0.01	%
Sulfur compounds (as S)	≤ 0.005	%
Readily carbonizable substances	conforms	
Al (Aluminium)	≤ 0.00005	%
B (Boron)	≤ 0.000002	%
Ba (Barium)	≤ 0.00001	%
Ca (Calcium)	≤ 0.00005	%
Cd (Cadmium)	≤ 0.000005	%
Co (Cobalt)	≤ 0.000002	%
Cr (Chromium)	≤ 0.000002	%
Cu (Copper)	≤ 0.000002	%
Fe (Iron)	≤ 0.00001	%
Mg (Magnesium)	≤ 0.00001	%
Mn (Manganese)	≤ 0.000002	%
Ni (Nickel)	≤ 0.000002	%
Pb (Lead)	≤ 0.00001	%
Sn (Tin)	≤ 0.00001	%
Zn (Zinc)	≤ 0.00001	%
Evaporation residue	≤ 0.001	%
Water	≤ 0.01	%

Jeannette David

Responsible laboratory manager quality control

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