



Specification

1.04379.1000 n-Heptane for analysis EMSURE® Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99	%
Identity (IR)	conforms	
Color	≤ 10	Hazen
Free acid (as CH ₃ COOH)	≤ 0.0005	%
Density (d 20 °C/20 °C)	0.683 - 0.686	
Refractive index (n 20/D)	1.387 - 1.388	
Boiling range (97°C-98°C)	≥ 95	% (v/v)
Aromatic hydrocarbons (as C ₆ H ₆)	≤ 0.1	%
Sulfur compounds (as S)	≤ 0.005	%
Readily carbonizable substances	conforms	
Al (Aluminium)	≤ 0.00001	%
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	%

Ph Eur-reagent

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Responsible laboratory manager quality control

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