



# Specification

1.04727.1000 Isooctane for analysis EMSURE® ACS,Reag. Ph Eur

	Specification	
Purity (GC)	≥ 99.5	%
Identity (IR)	conforms	
Color	≤ 10	Hazen
Acidity	≤ 0.0003	meq/g
Density (d 20 °C/20 °C)	0.691 - 0.696	
Refractive index (n 20/D)	1.391 - 1.393	
Boiling range (98-100°C)	≥ 95	% (v/v)
Sulfur compounds (as S)	≤ 0.005	%
Readily carbonizable substances	conforms	
Transmission (between 250nm and 420nm)	≥ 98	%
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	%

Corresponds to ACS, Ph Eur-reagent

Jeannette David

Responsible laboratory manager quality control

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