



Certificate of Analysis

1.00975.2500 n-Amyl alcohol (Pentan-1-ol) for analysis EMSURE®
Batch K53255275

	Spec. Values		Batch Values	
Purity (GC)	≥ 98.5	%	99.9	%
Identity (IR)	conforms		conforms	
Free acid (as CH ₃ COOH)	≤ 0.005	%	0.001	%
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)	≤ 0.00005	%	≤ 0.00005	%
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	%
Valerian aldehyde (GC)	≤ 0.1	%	0.1	%
Readily carbonizable substances	conforms		conforms	
Evaporation residue	≤ 0.005	%	< 0.001	%
Water	≤ 0.1	%	< 0.1	%

Date of release (DD.MM.YYYY) 15.04.2021
Minimum shelf life (DD.MM.YYYY) 30.04.2026

Jeannette David
Responsible laboratory manager quality control

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