



SPECIFICATION SHEET

Product Name	:	Acetone, Ph Eur, BP, JPE, NF
Product Number	:	901.023
Brand	:	ISOLAB
CAS Number	:	67-64-1
Formula	:	C ₃ H ₆ O
Formula Weight	:	58.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (GC)	≥ 99.5 %	%
Identity (IR)	passes test	
Identity B (Ph Eur)	passes test	
Identity C (Ph Eur)	passes test	
Identity B (NF)	passes test	
Identity (JPE)	passes test	
Water-insoluble substances	passes test	
Appearance of solution	passes test	
Acidity or alkalinity	passes test	
Acidity	≤ 0.002 %	%
Alkalinity	≤ 0.0005 %	%
Density (d 20°C/20°C)	0.790 - 0.794	
Density (d 25°C/25°C)	≤ 0.790	
Reducing substances	passes test	
Readily oxidizable substances	passes test	
Potassium permanganate-reducing substances	passes test	
Phenole	passes test	
Related substances (GC), Methanol (Impurity A)	≤ 0.05 %	%
Related substances (GC), 2-Propanol (Impurity B)	≤ 0.05 %	%
Related substances (GC), Benzene (Impurity C)	≤ 0.0002 %	%
Related substances (GC) (Other impurity)	≤ 0.05 %	%
Cyclohexane (Residual solvent) (GC)	≤ 0.01 %	%
Evaporation residue	≤ 0.002 %	%
Water	≤ 0.3 %	%
Color	≤ 10 HU	HU
Aldehydes (As formaldehyde)	≤ 0.002 %	%

Quality Management
Isolab Laborgerate GmbH





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Formula Weight : 58.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Al (Aluminium)	≤ 0.00001 %	%
Ba (Barium)	≤ 0.000005 %	%
Ca (Calcium)	≤ 0.00005 %	%
Cd (Cadmium)	≤ 0.000005 %	%
Co (Cobalt)	≤ 0.000002 %	%
Cr (Chromium)	≤ 0.000002 %	%
Cu (Copper)	≤ 0.000002 %	%
Fe (Iron)	≤ 0.00002 %	%
K (Potassium)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.00001 %	%
Mn (Manganese)	≤ 0.000002 %	%
Na (Sodium)	≤ 0.0001 %	%
Ni (Nickel)	≤ 0.000002 %	%
Pb (Lead)	≤ 0.000005 %	%
Sr (Strontium)	≤ 0.000002 %	%

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