



SPECIFICATION SHEET

Product Name	:	Acetone, ACS Reagent, Reag. ISO, Reag. Ph. Eur.
Product Number	:	901.026
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 %	%
Appearance of the solution	passes test	
Color (APHA)	≤ 10	
Non-volatile matter	≤ 0.001 %	%
Water insoluble matter	passes test	
Water (Karl Fischer)	≤ 0.2 %	%
Solubility in water	passes test	
Free acid (as CH ₃ COOH)	≤ 0.0015 %	%
Free alkali (as NH ₃)	≤ 0.0008 %	%
Acidity or alkalinity	passes test	
Aluminium (Al)	≤ 0.00005 %	%
Boron (B)	≤ 0.000002 %	%
Barium (Ba)	≤ 0.00001 %	%
Bismuth (Bi)	≤ 0.00001 %	%
Calcium (Ca)	≤ 0.00005 %	%
Cadmium (Cd)	≤ 0.000005 %	%
Cobalt (Co)	≤ 0.000001 %	%
Chromium (Cr)	≤ 0.000002 %	%
Copper (Cu)	≤ 0.000002 %	%
Iron (Fe)	≤ 0.00001 %	%
Potassium (K)	≤ 0.00005 %	%
Lithium (Li)	≤ 0.00001 %	%
Magnesium (Mg)	≤ 0.00001 %	%
Manganese (Mn)	≤ 0.000001 %	%
Molybdenum (Mo)	≤ 0.00001 %	%
Sodium (Na)	≤ 0.00005 %	%

Quality Management
Isolab Laborgerate GmbH





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Product Number : 901.026
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Formula : C₃H₆O
Formula Weight : 58.08 g/mol

TEST NAME	SPECIFICATION	UNIT
Nickel (Ni)	≤ 0.000002 %	%
Lead (Pb)	≤ 0.000002 %	%
Tin (Sn)	≤ 0.00001 %	%
Strontium (Sr)	≤ 0.00001 %	%
Zinc (Zn)	≤ 0.000005 %	%
KMnO ₄ red. matter (as O)	≤ 0.0002 %	%
Related substances (GC)	passes test	
Benzene (GC)	≤ 0.0002 %	%
Methanol (GC)	≤ 0.05 %	%
2-propanol (GC)	≤ 0.05 %	%
Ethanol (GC)	≤ 0.01 %	%
Reducing impurities	passes test	
Aldehydes (as HCHO)	≤ 0.001 %	%

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