



### SPECIFICATION SHEET

Product Name : Methanol, LC-MS  
Product Number : 947.048  
Brand : ISOLAB  
CAS Number : 67-56-1  
Formula : CH<sub>4</sub>O  
Formula Weight : 32.04 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (GC)	≥ 99.90 %	%
Appearance	Clear colorless liquid	
Color (APHA)	≤ 10	
Residue after evaporation	≤ 0.0005 %	%
Water (KF)	≤ 0.02 %	%
Acidity (as HCOOH)	≤ 0.001 %	%
Alkalinity (as NH <sub>3</sub> )	≤ 0.0005 %	%
Silver (Ag)	≤ 0.00001 %	%
Aluminium (Al)	≤ 0.00005 %	%
Barium (Ba)	≤ 0.00001 %	%
Calcium (Ca)	≤ 0.00001 %	%
Cadmium (Cd)	≤ 0.000005 %	%
Cobalt (Co)	≤ 0.000002 %	%
Chromium (Cr)	≤ 0.000002 %	%
Copper (Cu)	≤ 0.000001 %	%
Iron (Fe)	≤ 0.00001 %	%
Potassium (K)	≤ 0.00001 %	%
Magnesium (Mg)	≤ 0.00001 %	%
Manganese (Mn)	≤ 0.000001 %	%
Sodium (Na)	≤ 0.00001 %	%
Nickel (Ni)	≤ 0.000002 %	%
Lead (Pb)	≤ 0.000002 %	%
Tin (Sn)	≤ 0.00001 %	%
Zinc (Zn)	≤ 0.00001 %	%

Quality Management  
Isolab Laborgerate GmbH





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TEST NAME	SPECIFICATION	UNIT
Absorbance at 210 nm	≤ 0.523 AU	AU
Absorbance at 220 nm	≤ 0.301 AU	AU
Absorbance at 230 nm	≤ 0.125 AU	AU
Absorbance at 260 nm	≤ 0.009 AU	AU
F254 nm (as Quinine)	≤ 0.0000001 %	%
F365 nm (as Quinine)	≤ 0.0000001 %	%
Grad. elution H.Peak at 254 nm	≤ 1 mAU	mAU
Suitability for the LC-MS	passes test	

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