



### SPECIFICATION SHEET

**Product Name** : Methanol, ACS Reagent, Reag. ISO, Reag. Ph. Eur.  
**Product Number** : 947.046  
**Brand** : ISOLAB  
**CAS Number** : 67-56-1  
**Formula** : CH<sub>4</sub>O  
**Formula Weight** : 32.04 g/mol

TEST NAME	SPECIFICATION	UNIT
Purity (GC area %)	99.8 - 100 %	%
Appearance	Colorless liquid	
Solubility (turbidity)	Mixable with H <sub>2</sub> O	
Water (coulometr.)	≤ 0.05 %	%
Residue (evaporation)	≤ 0.0005 %	%
Reducing substances (as O)	≤ 0.00025 %	%
Aldehydes (AS CH <sub>3</sub> CHO)	≤ 0.001 %	%
Ketones (AS CH <sub>3</sub> COCH <sub>3</sub> )	≤ 0.001 %	%
Formaldehyde	≤ 0.001 %	%
Acetaldehyde	≤ 0.001 %	%
Aluminium (ICP)	≤ 0.00005 %	%
Barium (ICP)	≤ 0.00001 %	%
Bismuth (ICP)	≤ 0.00001 %	%
Boron (ICP)	≤ 0.000002 %	%
Calcium (ICP)	≤ 0.00005 %	%
Cadmium (ICP)	≤ 0.000005 %	%
Cobalt (ICP)	≤ 0.000002 %	%
Chromium (ICP)	≤ 0.000002 %	%
Copper (ICP)	≤ 0.000001 %	%
Iron (ICP)	≤ 0.00001 %	%
Potassium (ICP)	≤ 0.00005 %	%
Color (APHA)	≤ 10	
Lithium (ICP)	≤ 0.00001 %	%
Magnesium (ICP)	≤ 0.00001 %	%
Manganese (ICP)	≤ 0.000001 %	%
Molybdenum (ICP)	≤ 0.00001 %	%
Sodium (ICP)	≤ 0.00005 %	%

Quality Management  
Isolab Laborgerate GmbH





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TEST NAME	SPECIFICATION	UNIT
Nickel (ICP)	≤ 0.000002 %	%
Lead (ICP)	≤ 0.000002 %	%
Tin (ICP)	≤ 0.00001 %	%
Strontium (ICP)	≤ 0.00001 %	%
Zinc (ICP)	≤ 0.00001 %	%
Free acid (as HCOOH)	≤ 0.002 %	%
Chloride (Cl)	≤ 0.00005 %	%
Sulfate (SO <sub>4</sub> )	≤ 0.0001 %	%
Substances dark by H <sub>2</sub> SO <sub>4</sub>	passes test	
Carbonyl compounds	≤ 0.005 %	%
Free alkali (as NH <sub>3</sub> )	≤ 0.00005 %	%
Acetone	≤ 0.001 %	%
Ethanol	≤ 0.1 %	%

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