

NEW Methanol for peptide synthesis

Assay (calculated on anhydrous).....	Min. 99.9 %
Appearance	Clear colourless liquid
Acidity	Max. 0.003 %
Aldehydes	Max. 0.001 %
Colour value	Max. 5 APHA
Free amines	Max. 0.001 %
Residue on evaporation.....	Max. 0.0005 %
Water	Max. 0.01 %
Cl (Chloride)	Max. 0.0001 %
SO ₄ (Sulphate).....	Max. 0.0001 %
Fe (Iron).....	Max. 0.1 ppm
Mg (Magnesium)	Max. 0.1 ppm
Pb (Lead).....	Max. 0.1 ppm
Zn (Zinc).....	Max. 0.1 ppm

Cat. No.	Pk	Pack type
84573.320	2,5 l	Glass bottle

Methanol Analar NORMAPUR® Reag. Ph. Eur., ACS analytical reagent

Appearance	Clear colourless liquid	Assay (on anhydrous substance).....	Min. 99.8 %
IR Spectrum.....	Passes test	Acidity.....	Max. 0.0002 meq/g
Alkalinity.....	Max. 0.00006 meq/g	Colouration	Max. 10 APHA
Density (20/4).....	0.791 to 0.792	Density (20/20).....	0.791 to 0.793
Distillation range	64.0 to 65.0 °C	Substances discoloured by H ₂ SO ₄	Max. 10 APHA
Acetone + aldehydes (as CH ₃ COCH ₃) ..	Max. 10 ppm	Ethanol.....	Max. 0.1 %
Evaporation residue	Max. 10 ppm	Formaldehyde.....	Max. 1 ppm
Substances reducing KMnO ₄ (as O).....	Max. 2 ppm	Water	Max. 0.05 %
Cl (Chloride)	Max. 0.5 ppm	Al (Aluminium).....	Max. 0.1 ppm
B (Boron).....	Max. 0.05 ppm	Ba (Barium).....	Max. 0.05 ppm
Ca (Calcium).....	Max. 0.5 ppm	Cd (Cadmium).....	Max. 0.01 ppm
Co (Cobalt).....	Max. 0.01 ppm	Cr (Chromium).....	Max. 0.02 ppm
Cu (Copper).....	Max. 0.01 ppm	Fe (Iron).....	Max. 0.1 ppm
K (Potassium).....	Max. 0.1 ppm	Mg (Magnesium)	Max. 0.05 ppm
Mn (Manganese)	Max. 0.01 ppm	Na (Sodium).....	Max. 0.7 ppm
Ni (Nickel).....	Max. 0.01 ppm	Pb (Lead).....	Max. 0.01 ppm
Sn (Tin).....	Max. 0.1 ppm	Sr (Strontium).....	Max. 0.02 ppm
Zn (Zinc).....	Max. 0.1 ppm	Absorbance (225 nm)	Max. 0.17
Transmittance (210 nm).....	Min. 20 %	Transmittance (220 nm).....	Min. 50 %
Transmittance (230 nm).....	Min. 75 %	Transmittance (250 nm)	Min. 95 %
Transmittance (from 260 nm)	Min. 98 %	Conforms to BDH 10158	Passes test

Cat. No.	Pk	Pack type
20847.240	1 l	Glass bottle SAFEBREAK
20847.295	1 l	Glass bottle
20847.307	2,5 l	Plastic bottle
20847.320	2,5 l	Glass bottle
20847.422	2,5 l	Glass bottle SAFEBREAK
20847.360	5 l	Plastic bottle
20847.466	25 l	Metal drum
20847.557	200 l	Metal drum with liner

Methanol, anhydrous (max. 0.005% H₂O) Analar NORMAPUR® analytical reagent

Appearance	Clear colourless liquid	Colour value	Max. 10 APHA
Assay (calculated on anhydrous).....	Min. 99.8 %	Acidity (as HCOOH)	Max. 0.001 %
Alkalinity (as NH ₃)	Max. 0.0001 %	Acetone + aldehydes (as CH ₃ COCH ₃) ..	Max. 0.001 %
Formaldehyde.....	Max. 0.0001 %	Residue on evaporation.....	Max. 0.001 %
Reducing substances	Max. 0.0002 %	Water (K.F.).....	Max. 0.005 %
Substances discoloured by H ₂ SO ₄	Max. 20 APHA	Ethanol.....	Max. 0.1 %
Cl (Chloride)	Max. 0.5 ppm	Al (Aluminium).....	Max. 0.5 ppm
B (Boron).....	Max. 0.02 ppm	Ba (Barium).....	Max. 0.5 ppm
Ca (Calcium).....	Max. 0.5 ppm	Cd (Cadmium).....	Max. 0.01 ppm
Co (Cobalt).....	Max. 0.01 ppm	Cr (Chromium).....	Max. 0.02 ppm
Cu (Copper).....	Max. 0.01 ppm	Fe (Iron).....	Max. 0.1 ppm
Mg (Magnesium)	Max. 0.1 ppm	Mn (Manganese)	Max. 0.01 ppm
Ni (Nickel)	Max. 0.01 ppm	Pb (Lead).....	Max. 0.01 ppm
Sn (Tin).....	Max. 0.1 ppm	Zn (Zinc).....	Max. 0.1 ppm

Cat. No.	Pk	Pack type
20856.296	1 l	Glass bottle

Methanol GPR RECTAPUR®

Assay.....	Min. 99.5 %
Appearance	Clear colourless liquid
IR Spectrum.....	Passes test
Acidity.....	Max. 0.0002 meq/g
Colouration	Max. 10 APHA
Distillation range	64 to 65 °C
Acetone.....	Max. 10 ppm
Evaporation residue	Max. 50 ppm
Water	Max. 0.2 %
Conforms to BDH 29192	Passes test

Cat. No.	Pk	Pack type
20846.292	1 l	Plastic bottle
20846.326	2,5 l	Plastic bottle
20846.361	5 l	Plastic bottle
20846.463	25 l	Metal drum
20846.554	200 l	Metal drum

Methanol TECHNICAL

Assay.....	Min. 98.5 %
Evaporation residue	Max. 0.015 %

Cat. No.	Pk	Pack type
20903.290	1 l	Plastic bottle
20903.368	5 l	Plastic bottle
20903.415	10 l	Plastic drum
20903.461	25 l	Plastic drum
20903.550	200 l	Metal drum

Methanol, special quality for use in preparing solutions of Leishman's, Jenner's, Giemsa's and other stains

Assay (GLC).....	Min. 99.5 %
Identity.....	IR spectrum
Refractive index.....	1.328 to 1.330
Water	Max. 0.1 %
Non-volatile matter.....	Max. 0.001 %
Acidity.....	Passes test
Reducing substances	Passes test

Cat. No.	Pk	Pack type
360486N	2,5 l	Glass bottle

Methanol-[D4]

Carbinol-D4, Hydroxy methane-D4, Methyl alcohol-D4, Wood alcohol-D4, Methyl-D3 alcohol-D

Danger

H225 H301+H311+H331 H370
P210 P243 P280 P302+P352 P304+P340 P309+P310

CAS 811-98-3

EINECS: 212-378-6

UN: 1230

ADR 3,II

Flash Pt: 11 °C

D₃ COD

M.W. 36.01 g/mol

Density: 0.888 g/cm³ (20 °C)

Boiling Pt: 65.3 °C (1013 hPa)

Melting Pt: -99 °C

Storage Temperature: Ambient temperature

**Methanol-[D4] (99.80% D) for NMR spectroscopy**

Assay (on anhydrous substance).....	Min. 99.9 %
Isotopic enrichment (FT NMR 400 MHz)(D)	Min. 99.80 %
Water (HDO+D ₂ O).....	Max. 0.03 %

Cat. No.	Pk	Pack type
87157.0010	10 ml	Glass bottle
87157.0025	25 ml	Glass bottle
87157.0100	100 ml	Glass bottle
87157.0006	1 Pack	Glass ampoule
87157.0011	10 ml	Glass bottle with septum cap

1 Pack = 10 x 0,6 ml