Technical Datasheet

Article no.: 1428

Methanol for LC-MS (min. 99.95 %)

CH_3OH

For laboratory use.

CAS-No:	67-56-1
Appearance/condition:	Clear, colourless liquid
Melting point:	-98 °C
Boiling point:	64.1 – 65.1 °C
Density (20 °C):	0.791 – 0.793 g/ml
Molar mass:	32.04 g/mol

Parameter	Value
Assay (GC)	min. 99.95 %
Identity (IR)	complies
Colour (APHA)	max. 10
Acidity	max. 0.0003 meq/g
Alcalinity	max. 0.00006 meq/g
UV-Transmission at 210 nm	min. 30 %
UV-Transmission at 225 nm	min. 65 %
UV-Transmission at 235 nm	min. 85 %
UV-Transmission at 250 nm	min. 95 %
UV-Transmission from 260 nm	min. 98 %
Fluorescence (as quinine) at 254 nm	max. 1 ppb
Fluorescence (as quinine) at 365 nm	max. 1 ppb
HPLC gradient (peak) at 235 nm	max. 2 mAU
HPLC gradient (peak) at 254 nm	max. 1 mAU
Sensitive impurities (as reserpine)	max. 100 ppb

Th. Geyer GmbH & Co. KG
Dornierstr. 4-6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 18417
sales@thgeyer.com
www.thgeyer.com

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Ralf Streicher
Oliver-Alexander Geyer / André Meise

Technical Datasheet

Article no.: 1428

Methanol for LC-MS (min. 99.95 %)

CH_3OH

Parameter	Value
Refractive index (20 °C)	1.327 – 1.331
Water (KF)	max. 200 ppm
Residue on Evaporation	max. 2 ppm
Aluminium (Al)	max. 50 ppb
Iron (Fe)	max. 50 ppb
Sodium (Na)	max. 50 ppb
Calcium (Ca)	max. 50 ppb
Magnesium (Mg)	max. 50 ppb
Potassium (K)	max. 50 ppb
Filtered through 0.1 µm	
HPLC gradient: H_2O/Methanol: 5 – 90 %, 16 min, flow 1.8 ml/min	

Version No. 02/2025-04-07

Th. Geyer GmbH & Co. KG

Dornierstr. 4-6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 18417
sales@thgeyer.com
www.thgeyer.com

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708
Deutsche Bank (Swift/BIC DEUTDESSXXX)
IBAN DE06600700700125518100

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Ralf Streicher
Oliver-Alexander Geyer / André Meise