

Certificate of Analysis

Methanol

PurTech Standard for GC

(Secondary Reference Standard)

Product Number	PSI024	CAS No.	67-56-1
Brand	PureSynth	Lot No.	EULB03H
Molecular Formula	CH ₄ O	Date of Mfg.	Mar.2022
Molecular Weight	32.04 g/mol	Date of Exp.	Feb.2025

Test	Specification	Result
Description	Colorless liquid	Colorless liquid
Clarity	Clear	Clear
Assay (GC-FID)	≥ 99.99 %	100 %
Water (by KF)	≤ 0.3 %	0.2089 %
non-volatile matter	Max. 0.0003 %	<0.0003 %
free alkali (as NH ₃)	Max. 0.0005 %	<0.0005 %
absorbance at 400 nm	Max. 0.01	<0.01
absorbance at 260 nm	Max. 0.01	<0.01
absorbance at 240 nm	Max. 0.05	<0.05
absorbance at 235 nm	Max. 0.10	<0.10
fluorescence (chinin) at 254 nm	Max. 1 ppb	<1 ppb
fluorescence (chinin) at 365 nm	Max. 1 ppb	<1 ppb
Identification by GC-MS	Conform to molecular	Conforms
Identification by IR	Conform to structure	Conforms

***Traceable to USP Reference standard 1424109, Lot No: R07490**

Storage Condition: Store at ambient temperature and keep container tightly closed in a dry and well-Ventilated place.

Remark: The batch complies with the prescribed quality of the above specification.

This is a computer-generated report -does not required sign

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