



Certificate of Analysis

...Pure Quality

Product Name: **Methanol**

Application: UHPLC-MS, LC-MS, HPLC, Trace, ACS

Product Number:	CP-C9635	Formula:	CH ₃ OH
CAS Number:	67-56-1	Formula Weight:	32.04 g/mol
Lot Number:	EF616CP	Density:	0.7913 g/cm ³
Manufactured Date:	November 8, 2022	Retest Date:	November 7, 2025
MDL No:	MFCD00004595	Storage:	RT, Red-Flammable
EC Number:	200-659-6	DOT/RID/ADR	UN1230 3 / PGII

Test	Specification	Result
Appearance (Clarity)	Clear	Clear
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
UV Cut off (nm)	205 max	204 nm
Water (by Karl Fischer)	0.050 %	0.009 %
Residue on Evaporation	1 ppm max	<0.5ppm
Purity (GC)	99.9 % min	>99.99 %
HPLC gradient Elution	Passes Test	Passes Test
Fluorescence (as Quinine base)	0.30 ppb max	0.05 ppb
LC-MS Positive mode (reserpine)	≤ 50 ppb	< 50 ppb
LC-MS Positive mode (caffeine)	100 ppb max	<100ppb
LC-MS Negative mode (4-nitrophenol)	50 ppb max	<50 ppb
Refractive Index (20 C)	1.3280 - 1.3288	1.3285
Trace Metal Analysis	Passes Test	Passes Test

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It is certified the above copy is a true copy of the actual lot analysis from the manufacturer,

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