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### Certificate of Analysis

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Product:	Methanol, ACS grade	CP-T7142
CAS#	67-56-1	Lot: 01706GMF
Formula:	CH <sub>3</sub> OH	FW: 32.04 g/mol
MDL:	MFCD00004595	Density: 0.791 g/cc at 25C
EC:	200-659-6	Boiling Pt: 64.7 C

Meets ACS Grade Specifications

TEST	SPECIFICATIONS	RESULT
Purity, Assay	> or = 99.80	99.95%
Color (APHA)	<10	< 10
Water, % weight	<0.10	<0.029 %
Appearance	Clear, Colorless free of Foreign Matter	Pass
Substances Darkened by Sulfuric acid	Passes Test	Pass
Substances Reducing Permanganate	Passes Test	Pass
Residue after Evaporation, % weight	<0.0010	<0.0001
Solubility in water	Passes Test	Pass
Carbonyl compounds, % weight	<0.001 each acetone, formaldehyde, acetaldehyde	<0.001
Titrateable acid	< 0.0003	<0.0003 meq/gram
Titrateable base	< 0.0002	<0.0002 meq/gram
Manufacturing Date		July- 07- 2023
Retest Date		July- 06 -2026

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