Distributed by:
Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951
4621 Technology Drive, Golden, CO 80403
ph: (303) 762-0800 fax: (303) 762-1240
Part #: M1077

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by Greenfield Global

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Product Name	Methanol
Grade	ACS/USP/NF Grade
Catalog #	339000000
Item #	101172
Batch #	250113-B116201
Date of Manufacture:	14 Jan 2025
Recommended Retest Date:	13 Jan 2030
Customer PO #	PO4508
Packaging Type	Pail Metal 5 Gal
Quantity for Delivery	50
Packaged by:	Greenfield Global USA Inc., 58 Vale Road, Brookfield, CT 06804

TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Carbonyl Compounds - Acetaldehyde	ACS	0.001% max	LT 0.001%	N/A
Carbonyl Compounds - Acetone	ACS	0.001% max	LT 0.001%	N/A
Assay (corrected for water)	ACS	99.8% min	99.98	%
Color (APHA)	ACS	10 max	1	N/A
Carbonyl Compounds - Formaldehyde	ACS	0.001% max	LT 0.001%	N/A
Residue on Evaporation	ACS*	0.001% max	0.000	%
Solubility in Water	ACS*	To Pass Test	Pass	N/A
Substances Darkened by Sulfuric Acid	ACS*	To Pass Test	Pass	N/A
Substances Reducing Permanganate	ACS*	To Pass Test	Pass	N/A
Titrable Acid	ACS*	0.0003 meq/g max.	0.0002	meq/g
Titrable Base	ACS*	0.0002 meq/g max.	0.0001	meq/g
Water	ACS	NMT 0.1%	0.02	%

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TEST	MONO-GRAPH	SPECIFICATION	RESULT	UNITS
Acetone and Aldehydes (as Acetone)	NF	NMT 0.003%	LT 0.003%	N/A
Acidity	NF*	NMT 0.45mL 0.020N NaOH required	0.20	ml
Alkalinity (as ammonia)	NF*	NMT 0.20mL 0.020N H2SO4 required (3 ppm max)	0.05	ml
Assay	NF	NLT 99.5%	100.00	%
Identification A (Infrared Absorption)	NF	To Pass Test	Pass	N/A
Identification B (GC Analysis)	NF	To Pass Test	Pass	N/A
Non -Volatile Residue	NF*	NMT 2mg (0.001% w/w)	0	mg
Readily Carbonizable Substances	NF*	To Pass Test	Pass	N/A
Readily Oxidizable Substances	NF*	To Pass Test	Pass	N/A
Water	NF	NMT 0.1%	0.02	%

Certification and Compliance Statements

This product is tested to meet specifications listed in the United States Pharmacopeia, National Formulary, and American Chemical Society monographs.
* This test is performed periodically

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

No chemicals whatsoever are used as solvents at any point in the manufacture, processing or packaging of Methanol. Only Class 2 and Class 3 residual solvents may appear as impurities / related substances / low level contaminants in Methanol. Concentration of Class 2 Option 1 and Class 3 residual solvents is below limits in the current USP/NF General Chapter <467>.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical

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ingredients in drug manufacturing.
Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.

This document was electronically signed by Jeidar Cole on 16 Jan 2025 06:37 PM to indicate Quality Assurance Approval and to release this batch.