Distributed by:
Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951
4621 Technology Drive, Golden, CO 80403
ph: (303) 762-0800 fax: (303) 762-1240
Part #: M1076

PHARMCO
BY GREENFIELD GLOBAL

CERTIFICATE OF ANALYSIS

Product Name	Methanol
Grade	ACS/USP/NF/HPLC-UV Grade
Catalog #	33900HPLC
Item #	101181
Batch #	260911-B183080
Date of Manufacture:	14 Sep 2026
Recommended Retest Date:	13 Sep 2031
Customer PO #	PO5920
Packaging Type	Case Glass 4x4 L
Quantity for Delivery	27
Packaged by:	Greenfield Global USA Inc., 58 Vale Road, Brookfield, CT 06804

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

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TEST	MONO-GRAPH	SPECIFICATION	RESULT
UV Absorption @205nm	ACS	1.00 max.	0.89
UV Absorption @210nm	ACS	0.80 max.	0.47
UV Absorption @220nm	ACS	0.40 max.	0.21
UV Absorption @230nm	ACS	0.20 max.	0.10
UV Absorption @240nm	ACS	0.10 max.	0.04
UV Absorption @260nm	ACS	0.04 max.	0.01
UV Absorption @280nm-400 nm	ACS	0.01 max.	0.00
Acetone and Aldehydes (as Acetone)	NF	NMT 0.003%	None Detected
Acidity	NF*	NMT 0.45mL 0.020N NaOH required	0.40 ml
Alkalinity (as ammonia)	NF*	NMT 0.20mL 0.020N H2SO4 required (3 ppm max)	0.10 ml
Assay	NF	NLT 99.5%	100.00 %
Identification A (Infrared Absorption)	NF	To Pass Test	Pass
Identification B (GC Analysis)	NF	To Pass Test	Pass
Non -Volatile Residue	NF*	NMT 2mg (0.001% w/w)	0 mg
Readily Carbonizable Substances	NF*	To Pass Test	Pass
Readily Oxidizable Substances	NF*	To Pass Test	Pass
Water	NF	NMT 0.1%	0.02 %

Certification and Compliance Statements

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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 manufactured for Routine HPLC Analysis and meets the requirements for General Use, ACS Monographs. This product is not intended for GC or critical HPLC analysis. See Distilled Grade for those applications.

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 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 John Piskura on 17 Sep 2026 07:06 AM to indicate Quality Assurance Approval and to release this batch.