

## **PRODUCT SPECIFICATIONS SHEET**

Product Name Methanol
Grade ACS/USP/NF Grade
Catalog # 33900000

TEST	MONO- GRAPH	SPECIFICATION	TYPICAL RESULT
Assay (corrected for water)	ACS	99.8% min	99.97 %
Assay	NF	NLT 99.5%	100.00 %
Substances Darkened by Sulfuric Acid	ACS	To Pass Test	Pass
Readily Oxidizable Substances	NF	To Pass Test	Pass
Substances Reducing Permanganate	ACS	To Pass Test	Pass
Readily Carbonizable Substances	NF	To Pass Test	Pass
Solubility in Water	ACS	To Pass Test	Pass
Color (APHA)	ACS	10 max	1
Water	ACS	NMT 0.1%	0.02 %
Water	NF	NMT 0.1%	0.02 %
Residue on Evaporation	ACS	0.001% max	0.000 %
Non -Volatile Residue	NF	NMT 2mg (0.001% w/w)	0 mg
Carbonyl Compounds - Acetone	ACS	0.001% max	None Detected
Acetone and Aldehydes (as Acetone)	NF	NMT 0.003%	LT 0.003%
Carbonyl Compounds - Formaldehyde	ACS	0.001% max	LT 0.001%
Carbonyl Compounds - Acetaldehyde	ACS	0.001% max	LT 0.001%
Titrable Acid	ACS	0.0003 meq/g max.	0.0002 meq/g
Acidity	NF	NMT 0.45mL 0.020N NaOH required	0.10 ml

www.pharmco.com | www.greenfield.com

Form: Methanol, Reagent ACS/USP/NF, #101, Rev. 3.1, 01/24, PJM



## PRODUCT SPECIFICATIONS SHEET

TEST	MONO- GRAPH	SPECIFICATION	TYPICAL RESULT
Titrable Base	ACS	0.0002 meq/g max.	0.0001 meq/g
Alkalinity (as NH4)	NF	NMT 0.20mL 0.020N H2SO4 required (3 ppm max)	0.05 ml
Identification A (Infrared Absorption)	NF	To Pass Test	Pass
Identification B (GC Analysis)	NF	To Pass Test	Pass

This product is for further commercial manufacturing, laboratory, or research use, and may be used as a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.