



PRODUCT SPECIFICATION SHEET

METHANOL

Meets GENERAL USE HPLC-UV GRADE Monographs

Main Catalog Number: 33900HPLC-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL ANALYSIS
Assay (GC), min, corrected for water	ACS, NF	99.8% 99.9%	99.99%
Identification A (Infrared Absorption)	NF	To Pass	Pass
Identification B (GC Analysis)	NF	To Pass	Pass
Acidity	NF	NMT 0.45mL 0.02N NaOH required	Pass
Titration Acid, max	ACS	0.0003 meq/g	0.0002meq/g
Alkalinity (as ammonia)	NF	NMT 0.20mL 0.02N H2SO4 required (3 ppm max)	< 3 ppm
Titration Base, max	ACS	0.0002 meq/g	0.0001meq/g
Readily Carbonizable Substances	NF	To Pass	Pass
Carbonyl Compounds, max	ACS	Acetone 0.001% Formaldehyde 0.001% Acetaldehyde 0.001%	Pass
Acetone & Aldehydes (as Acetone)	NF	NMT 0.003%	< 0.003%
Readily Oxidizable Substances	NF	To Pass	Pass
Non-Volatile Residue	NF	NMT 2mg (0.001% w/w)	0.0002%
Residue After Evaporation, max	ACS	0.001%	< 0.001%
Color (APHA), max	ACS	10	< 10
Substances Darkened by H ₂ SO ₄	ACS	To Pass	Pass
Substances Reducing KMnO ₄	ACS	To Pass	Pass
Ultraviolet absorption	ACS	205nm 1.00 max. 210nm 0.80 max. 220nm 0.40 max. 230nm 0.20 max. 240nm 0.10 max. 260nm 0.04 max. 280nm – 400nm 0.01 max.	0.92 0.52 0.25 0.13 0.06 0.02 0.00
Water, max	ACS, NF	0.10%	0.01%
Solubility in Water	ACS	To Pass	Pass

Form Methanol-HPLC, # 401, Rev. 2.8, 06/16, KAD

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

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or 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.