

PRODUCT SPECIFICATION SHEET
METHANOL

GENERAL USE HPLC-UV GRADE

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 H ₂ SO ₄ 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. 2.7, 03/15, JMP

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.

Disclaimer: For Industrial/Lab use only. Not intended as a Drug Substance, Medical Device or Disinfectant. Appropriate/legal use of this product is the responsibility of the user. (Rev. # disclaimer only, rev 3.6, 07/15, PD)