



PRODUCT SPECIFICATION SHEET
METHANOL

Meets REAGENT ACS USP/NF GRADE Monographs

Main Cat. Number - ACS: 339000ACS-Size Code*, 339000000-Size Code* zp339000ACS-Size Code*

Main Cat. Number – USP/NF: 339USP/NF-Size Code*, zp339USP/NF-Size Code*

Alternate Cat. Number: zc33900000CP, zp339000000

Available in the following sizes:

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

PRODUCT SPECIFICATIONS	MONOGRAPH	LIMITS	TYPICAL LOT 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	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
Water, max	NF, ACS	0.10%	0.01%
Solubility in Water	ACS	To Pass	Pass

Form Methanol, Reagent ACS/USP/NF, # 101, Rev. 3.1, 04/17, AM

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.