

PRODUCT SPECIFICATION SHEET

Methanol ACS USP/NF Grade

Test	Specification	Typical Analysis
Assay (GC), min, corrected for water	Min 99.9 %	99.99 %
Identification A (Infrared Absorption)	Passes Test	Pass
Identification B (GC Analysis)	Passes Test	Pass
Acidity	NMT 0.45mL 0.02N NaOH required	Pass
Titration Acid, max	0.0003 meq/g	0.0002meq/g
Alkalinity (as ammonia)	NMT 0.20mL 0.02N H ₂ SO ₄ required (3 ppm max)	< 3 ppm
Titration Base, max	0.0002 meq/g	0.0001meq/g
Readily Carbonizable Substances	Passes Test	Pass
Carbonyl Compounds, max	Acetone 0.001% Formaldehyde 0.001% Acetaldehyde 0.001%	Pass
Acetone & Aldehydes (as Acetone)	0.003%	< 0.003%
Readily Oxidizable Substances	Passes Test	Pass
Non-Volatile Residue	NMT 2mg (0.001%w/w)	0.0002%
Residue After Evaporation, max	0.001%	< 0.001%
Color (APHA), max	10	< 10
Substances Darkened by H ₂ SO ₄	Passes Test	Pass
Substances Reducing KMnO ₄	Passes Test	Pass
Water, max	0.10%	0.01%
Solubility in Water	Passes Test	Pass