

## PRODUCT SPECIFICATION SHEET

### Methyl Alcohol HPLC/ACS Grade

Test	Specification	Typical Analysis
Assay (by GC-FID) (Corrected for Water)	Min 99.9 %	99.99 %
Description	Clear colorless liquid free of suspended matter	Pass
Acetaldehyde	Max 0.001 %	< 0.001 %
Acetone	Max 0.001 %	< 0.001 %
Color	Max 10 APHA	< 5 APHA
Formaldehyde	Max 0.001 %	< 0.001 %
Residue after Evaporation	Max 5 ppm	1.5 ppm
Solubility in Water	Passes Test	Pass
Substances Darkened by Sulfuric acid	Passes Test	Pass
Substances Reducing Permanganate	Passes Test	Pass
Titration Acid	Max 0.0003 meq/g	0.0002 meq/g
Titration Base	Max 0.0002 meq/g	< 0.00002 meq/g
Water (by KF coulometry)	Max 0.10 %	0.01 %
Optical Absorbance at		
205 nm	1.00 AU	0.90 AU
220 nm	0.25 AU	0.24 AU
240 nm	0.10 AU	0.05 AU
250 nm	0.02 AU	0.02 AU
280 nm	0.01 AU	0.004 AU
400 nm	0.01 AU	0.001 AU