

Certificate of Analysis

Product: Methanol >99.8%
Item Number: MAA
Grade: ACS/USP/NF
Lot Number: 35468
Manufacture Date: 12/27/2022
Expiration Date: 12/26/2026
Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Clear	Clear
ACS Assay by GC	99.80-100.00 wt%	99.98
ACS Sub.Dark.Sulfuric Acid	To pass the test	Passes
ACS Sub. Reducing Permanganate	To pass the test	Passes
ACS Solubility in Water	To pass the test	Passes
Color (APHA)	0-10	2
Water in volatile solvents	0.000-0.100%	0.026
ACS Residue After Evap.	Max 0.001%	Pass
ACS Carbonyl Compounds	Max 0.001%	Pass
ACS Titrable acid	Max 0.0003 meq/g	Pass
ACS Titrable Base	Max 0.0002 meq/g	Pass
ACS Density @ 25 degree C	0.787-0.795	0.788
Refractive Index @ 25 degree C	1.32370-1.33140	1.32730
USP Acidity	<0.45 ml 0.020N NaOH required	Pass
Alkalinity	<0.20 ml 0.020N H2SO4 required	Pass
USP Carbonizable substance	Passes the test	Pass
Non-volatile residue	0.0000 - 0.0010 wt%	0.0001
ACS Acetone and Aldehydes	<0.003%	Pass
Readily oxidizable substance	To pass the test	Pass
USP 467 Residual solvents	To pass the test	Pass

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