



**CERTIFICATE OF ANALYSIS
METHYL ALCOHOL
LC Mass Spec Grade**

Lot # K20J26CAS0000MET
Date of Manufacture: November 30, 2020
Recommended Retest Date: Three Years from Date of Manufacture
Main Catalog #: ZH339000LCMS

TEST	SPECIFICATIONS	RESULTS
Water (by KF coulometry)	Max 0.05 %	0.001 %
Residue after Evaporation	Max 1 mg/L	< 0.1 mg/L
Assay (by GC-FID)	Min 99.9 %	> 99.99 %
UV cut-off 205 nm	Max 205 nm	204 nm
Refractive Index at 20°C	Between 1.3280-1.3288	1.3285
LC gradient elution suitability at 254 nm	Passes Test	Passes
Fluorescence at emission maximum for Impurities (as Quinine sulfate)	Max 0.30 ppb	< 0.30 ppb
LC-MS Positive mode (as Reserpine)	Max 50 ppb	< 50 ppb
LC-MS Negative mode (as Nitrophenol)	Max 50 ppb	< 50 ppb
Trace Metals	Passes Test	Passes

Form: Methyl Alcohol, LC/MS, Rev. 1.3, 06/16, KAD

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.

Approved

Amanda Fenstermacher
Quality Assurance Clerk

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