



**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<br>(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<br>205 nm  | Max 205 nm            | 204 nm     |
| Refractive Index at<br>20°C   | Between 1.3280-1.3288 | 1.3285     |
| LC gradient elution suitability at<br>254 nm                            | Passes Test           | Passes     |
| Fluorescence at emission maximum for Impurities<br>(as Quinine sulfate) | Max 0.30 ppb          | < 0.30 ppb |
| LC-MS Positive mode<br>(as Reserpine)                                   | Max 50 ppb            | < 50 ppb   |
| LC-MS Negative mode<br>(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

58 Vale Road, Brookfield, Connecticut, 06804, USA | P. 800.243.5360  
 www.pharmco.com | www.greenfield.com

FN-135  
 06/14/2018



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A handwritten signature in cursive script that reads 'Amanda Fenstermacher'.

**Amanda Fenstermacher**  
**Quality Assurance Clerk**

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