



**CERTIFICATE OF ANALYSIS
ACETONITRILE
HPLC Grade**

Lot # C21H07CAS0000ACN
Date of Manufacture: November 03, 2021
Recommended Retest Date: Five Years from Date of Manufacture
Main Catalog #: 30000HPLC

| TEST | SPECIFICATIONS | RESULTS |
|---|------------------|---------------|
| Description | | |
| Clear colorless liquid free of suspended matter | Passes Test | Passes |
| Assay (by GC-FID) | | |
| (Corrected for Water) | Min 99.9 % | 99.97 % |
| Color | Max 10 APHA | 5 APHA |
| LC gradient elution suitability at | | |
| 254 nm | Max 0.005 AU | 0.004 AU |
| Residue after Evaporation | Max 3 ppm | < 0.3 ppm |
| Titration Acid | Max 0.008 meq/g | 0.0003 meq/g |
| Titration Base | Max 0.0006 meq/g | 0.00001 meq/g |
| Water | | |
| (by KF coulometry) | Max 0.02 % | 0.01 % |
| Optical Absorbance at | | |
| 190 nm | Max 1.00 AU | 0.69 AU |
| 200 nm | Max 0.10 AU | 0.03 AU |
| 210 nm | Max 0.05 AU | 0.02 AU |
| 220 nm | Max 0.03 AU | 0.02 AU |
| 230 nm | Max 0.02 AU | 0.02 AU |
| 254 nm | Max 0.01 AU | 0.01 AU |
| 280 nm | Max 0.01 AU | 0.01 AU |

Approved

Amanda Fenstermacher

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Quality Assurance Clerk

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|--------|----------------|----------|
| 350 nm | Max 0.01 AU | 0.002 AU |
| 400 nm | Max 0.01 AU | 0.001 AU |

Form: Acetonitrile, HPLC, rev.1.2, 05/18, 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



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