

## Certificate Of Analysis

Name: Acetonitrile  
Catalog No: AS1122  
Lot No: 21090402  
Grade: HPLC/Spectro  
Manufactured Date: December 15, 2021  
Retest Date: November 10, 2026  
Country of Origin: India

Distributed by:  
  
**Rocky Mountain Reagents**  
SCIENTIFIC SOLUTIONS SINCE 1991  
4621 Technology Drive, Golden, CO 80403  
pH: (303) 762-0800 fax: (303) 762-1240  
Part #: A1091

This is to certify that this lot was tested and found to comply with the specifications for the product. The following are the actual analytical results obtained.

<u>Test Name</u>	<u>Limits</u>	<u>Actual</u>
Description		
Clear colorless liquid free of suspended matter	Passes Test	Passes
Assay (by GC-FID) (Corrected for Water)	Min 99.9 %	99.98 %
Color	Max 10 APHA	5 APHA
Fluorescence at emission maximum for Impurities at 450 nm	Max 1 ppb	< 1 ppb
LC gradient elution suitability at 254 nm	Max 1 mAU	< 0.3 mAU
210 nm	Max 5 mAU	2 mAU
Residue after Evaporation	Max 1 ppm	0.2 ppm
Titration Acid	Max 0.008 meq/g	0.0002 meq/g
Titration Base	Max 0.0006 meq/g	0.00001 meq/g
Water (by KF coulometry)	Max 0.02 %	0.0008 %
Optical Absorbance at 190 nm	Max 1.00 AU	0.62 AU
200 nm	Max 0.05 AU	0.04 AU
210 nm	Max 0.04 AU	0.03 AU
220 nm	Max 0.02 AU	0.02 AU
230 nm	Max 0.01 AU	0.007 AU
254 nm	Max 0.005 AU	0.002 AU
400 nm	Max 0.005 AU	0.002 AU



Lavon Forney  
Chemist

Tedia Company, Inc. certifies that this product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.

Form Number : FN-006  
Revision Date: 06-01-2016

