

Certificate Of Analysis

Distributed by:



Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

4621 Technology Drive, Golden, CO 80403
pH: (303) 762-0800 fax: (303) 762-1240
Part #: A1091

Name: Acetonitrile
Catalog No: AS1122
Lot No: 22040420
Grade: HPLC/Spectro
Manufactured Date: May 03, 2022
Retest Date: April 18, 2027
Country of Origin: USA

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 %	99.99 %
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	< 1 mAU
210 nm	Max 5 mAU	1 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	< 0.00006 meq/g
Water		
(by KF coulometry)	Max 0.02 %	0.007 %
Optical Absorbance at		
190 nm	Max 1.00 AU	0.65 AU
200 nm	Max 0.05 AU	0.02 AU
210 nm	Max 0.04 AU	0.02 AU
220 nm	Max 0.02 AU	0.01 AU
230 nm	Max 0.01 AU	0.01 AU
254 nm	Max 0.005 AU	0.004 AU
400 nm	Max 0.005 AU	< 0.001 AU

James A. Spalla

James Spalla
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

