

**CERTIFICATE OF ANALYSIS**  
**ACETONITRILE**  
**Meets UV/HPLC and General Use ACS Monographs**

Lot #	C17K17CAS-0000ACN
QC #	PO006015
Date of Manufacture:	02/23/18
Recommended Retest Date:	Five Years from Date of Manufacture
Main Catalog #	30000HPLC

Product Specifications	Limits	Results
UV Absorbance, A.U. @ 190 nm	1.000 max	0.682
195 nm	0.150 max	0.079
200 nm	0.070 max	0.034
205 nm	0.050 max	0.033
210 nm	0.040 max	0.030
220 nm	0.020 max	0.019
254 nm	0.010 max	0.004
Assay, (GC), min	99.9%	99.99%
Residue After Evaporation	10 ppm max	<1 ppm
Color (APHA), max	10	<5
Appearance	Clear	Pass
Titration Acid, max	0.001 meq/g	<0.001 meq/g
Titration Base, max	0.0001 meq/g	<0.0001 meq/g
Substances Red. KMnO <sub>4</sub>	To Pass Test	Pass
Water, max	0.05%	<0.01%
Liquid Chromatography (ACS)	To pass test(s)	Pass
Absorbance (UV)		
Gradient Elution		
Gradient Analysis @	254 nm	Pass
Gradient Analysis @	210 nm	Pass
Identification (IR/GC)	To Conform	Pass
Filtered to 0.2 um max	Per Lot	Pass

Form: Acetonitrile, HPLC, #301, rev. 1.2, 06/16, KAD

Approved by: T.Boudreau, Quality Control Chemist

Disclaimer: For Industrial/Lab use only. Not intended as a Drug Substance, Medical Device or Disinfectant. Appropriate/legal use of this product is the responsibility of the user. (Rev. # disclaimer only, rev 3.6, 07/15,PD)