



**ChemPure* Brand
Chemicals**

October 9, 2019

CERTIFICATE OF ANALYSIS *...Pure Quality*

Product Name: **Acetonitrile**
Application: LC-MS, HPLC

Product Number:	CP-C9724	Formula:	CH ₃ CN
CAS Number:	75-05-8	Formula	41.05 g/mol
Lot Number:	21462DX	Weight: Density:	0.786 g/cm ³
Manufactured Date:	October 9, 2017	Retest Date:	October 8, 2021
MDL No:	MFCD00001878	Storage:	RT, Red-Flammable
EC Number:	200-835-2	DOT/RID/ADR	UN 1648 3 / PGII

Parameter	Specification		Result	Units
	Min.	Max.		
Water by Karl Fischer Titration		0.010	0.001	%
Residue		1	<0.5	mg/L
GC Analysis	99.9		99.99	%
UV Cutoff		190	188	nm
Refractive Index (20°C)	1.3434	1.3446	1.3439	
HPLC Gradient Elution	Passes test		Passes test	
Fluorescence (as quinine base)		0.30	0.05	ppb
LC-MS Positive Mode (as reserpine)		50	<50	ppb
LC-MS Positive Mode (as caffeine)		100	<100	ppb
LC-MS Negative Mode (as 4-nitrophenol)		50	<50	ppb
Trace Metals	Passes test		Passes test	

Important: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY OR OTHERWISE. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions, safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, are recommendation to infringe any existing patents or to violate any Federal, State, Local or foreign laws.

It is certified that the above copy is a true copy of the actual lot analysis from the manufacturer.

SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185