



**ChemPure* Brand
Chemicals**

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT:	Acetonitrile	GRADE:	HPLC /ACS
CATALOG:	CP-C0157	LOT:	DK364
MANUFACTURED DATE:	3/13/2014	USE BEFORE:	9/11/2015
CAS NO.	[75-05-08]	FORMULA:	C ₂ H ₃ N
DENSITY:	0.786	FORMULA WT:	41.05

<u>Test</u>	<u>Specification Min.</u>	<u>Max.</u>	<u>Result</u>	<u>Units</u>
GC Analysis	99.9		99.99	%
Appearance	Clear		Clear	
Color (APHA)		10	<10	
Water by Karl Fisher Titration		0.05	0.001	%
UV Cutoff		190	188	nm
Refractive Index (20°C)	1.3434	1.3446	1.3438	
Residue		3	<0.5	mg/L
Titration Acid		8	0.09	μeq/g
Titration Base		0.6	0.03	μeq/g
HPLC Gradient @ 254 nm		0.005	<0.005	AU
UV Absorbance @ 200 nm		0.07	0.0185	AU
UV Absorbance @ 210 nm		0.04	0.0131	AU
UV Absorbance @ 225 nm		0.02	0.0049	AU
UV Absorbance @ 250 nm		0.005	0.0008	AU
UV Absorbance @ 350 nm		0.005	<0.0001	AU

Quality Control Approval