



ChemPure* Brand Chemicals

July 2, 2018
Doc:COA9720

Certificate of Analysis

...Pure Quality

Chemical Name: **Acetonitrile, ACS**

Synonyms: Cyanomethane, Ethyl nitrile, Methanecarbonitrile, Methyl cyanide

CHEMICAL FORMULA: C₂H₃N
CAS No: 75-05-8
Density: 0.786 g/cm³
Vapor Pressure: 9.71 kPa (at 20.0 °C)
MP: -46 to -44 °C
Grade: ACS
F.W.: 41.05 g/mol
Solubility: In water-miscible

Product Code: CP T9720
UN Code: 1648
Package Group: III
Storage: Room Temp, Flammable
EC Number: 200-835-2
MDL Number: MFCD00001878
Manufactured Date: March 28, 2018

Lot No.
18030365

Recommended Retest Date: March 19, 2023

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.

Test Name

Description
Clear colorless liquid free of suspended matter
Assay (by GC-FID)
(Corrected for Water)
Color
Residue after evaporation
Titrable acid
Titrable base
Water
(by KF coulometry)
Identification by
IR Spectroscopy

Limits

Actual

Limits	Actual
Passes Test	Passes
Min 99.5 %	99.98 %
Max 10 APHA	< 5 APHA
Max 0.005 %	0.0005 %
Max 0.008 meq/g	0.0002 meq/g
Max 0.0006 meq/g	0.00002 meq/g
Max 0.3 %	0.03 %
Passes Test	Passes

Sherwin M Kane
Chemist 3/28/2018

Vyto Mekesa
QC Director

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