



ChemPure* Brand Chemicals

June 21, 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
Recommended Retest Date*: March 18, 2023

Lot No. 18030362

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 %	0.004 %
Passes Test	Passes

Sherwin M Kane
Chemist 3/21/2018

Vyto Mekesa
QC Director

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