



**ChemPure\* Brand  
Chemicals**

...Pure Quality

## Certificate of Analysis Acetone

Meets ACS Specifications

Catalog No: CP-C9043T  
Lot No: H137113  
CAS number: 67-64-1

Retest Date: 11/19/2016  
Chemical formula: (CH<sub>3</sub>)<sub>2</sub>CO  
Molecular weight: 58.08

Tests	Units	Specifications	Results
Assay (GC)	%	99.9 Min	99.97
Methanol	%	0.05 Max	0.03
Color (APHA)		5 Max	<5
Water	%	0.5 Max	0.3
Residue after Evaporation	ppm	1 Max	<1
GC-ECD (as HCE)	ppt	10	6.8
UV Absorbance			
350 nm	AU	0.02 Max	0.000
340 nm	AU	0.10 Max	0.038
330 nm	AU	1.00 Max	0.590
Titration Acid	meq/g	0.0003 Max	0.0003
Titration Base	meq/g	0.0006 Max	0.0004
Solubility in H <sub>2</sub> O		To Pass Test	Passes test
Substance Reducing KMnO <sub>4</sub>		To Pass Test	Passes Test
Description		Clear, colorless liquid	Clear, colorless liquid
Packaged under Nitrogen			
Submicron filtered			

Quality Control Approval  
Fiona James, QC Supervisor