



**ChemPure* Brand
Chemicals**

October 8, 2019

...Pure Quality

Certificate of Analysis

Product Name: **ACETONE**, ACS Grade

Product Number: CP-T7042

Formula: C₃H₆O

CAS Number: 67-64-1

Formula Weight: 58.08 g/mol

Lot Number: 19I04C1

Storage: RT

Manufactured Date: September 2019

Retest Date: September 2024

ANALYTICAL RESULTS

TEST	SPECIFICATIONS	RESULTS
Appearance	CLEAR, COLORLESS	Colorless
Assay (%)	>99.5%	99.7%
Color (APHA)	max 10	5
Water (H ₂ O)	max 0.5%	<0.2%
Evaporation Residue	max 0.001%	0.0001%
Solubility in Water	T.P.T.	Passes Test
GC Identified Peak IPA	<0.05%	<0.02%
Titrateable Acid (meq/g)	max 0.0003	<0.0003
Titrateable Base (meq/g)	max 0.0006	<0.0006
Methanol Content	<0.05%	<0.02%
Substances Reducing KMnO ₄	T.P.T.	Passes Test
Aldehyde (as HCHO)	max 0.002%	<0.001%
Density (g/ml) @ 20C	0.791-0.793	0.792
Density (g/ml) @ 25C	0.786-0.789	0.787
Meets ASTM-D329 Specification		

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It is certified that the above copy is a true copy of the actual lot analysis from the manufacturer.
Vyto Mekesa, QC Manager