



**ChemPure* Brand
Chemicals**

January 16, 2019

...Pure Quality

Certificate of Analysis

Product Name: **ACETONE**, ACS Grade

Product Number:	CP-T7042	Formula:	C ₃ H ₆ O
CAS Number:	67-64-1	Formula Weight:	58.08 g/mol
Lot Number:	4132017	Storage:	RT
Manufactured Date:	01/16/2019	Retest Date:	01/15/2024

ANALYTICAL RESULTS

TEST	SPECIFICATIONS	RESULTS
Appearance	Clear, Colorless	Conforms
Assay (%) ACS	>99.5%	99.74%
Assay (%) NF	> 99.0%	99.97%
Color (APHA)	max 10	1
Water (H ₂ O)	max 0.5%	0.23%
Evaporation Residue max	0.001%	0.000%
Solubility in Water	T.P.T.	Passes
Identification A IR Abs NF	Conforms to IR Spectra	Pass
Identification B GC NF	Conforms to Ref Chromatogram	Pass
GC Identified Peak IPA	max 0.05%	0.02%
Titrateable Acid (meq/g)	max 0.0003	<0.0003
Titrateable Base (meq/g)	max 0.0006	<0.0001
Methanol Content	max 0.05%	0.03%
Substances Reducing KMnO ₄	T.P.T.	Passes
Nonvolatile Residue NF	NMT 2mg/50ml (0.004%)	0mg/50ml
IPA	max 0.05%	None Detected
Aldehyde(as HCHO)	max 0.002%	<0.002%
Readily Oxidizable Subst. NF	T.P.T.	Pass
Specific Gravity@25°C	NMT 0.789	0.787

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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