



CARBON
CHEMISTRY

Carbon Chemistry Ltd., 34501 E. Quincy Ave., Watkins, CO 80137 | P: 888-466-8421

Certificate of Analysis

Acetone

PRODUCT NAME:	Acetone	GRADE: Chemically Pure
BATCH NO.:	4349058	ISSUE DATE: Aug 23 rd , 2018
TEST:	SPECIFICATION:	RESULT:
Test Temperature	Visual	21 °C
Appearance	Visual	Clear and Bright
Platinum Cobalt Color	ASTMD1209	<5 Pt/Co Colour
Water by KF	ASTMD1364	0.290 % (m/m)
Acidity (as Acetic Acid)	ASTM D1613	0.0019 % (m/m)
Relative Density {SG} at 20/20°C	ASTMD4052	0.7922
Relative Density {SG} at 25/25°C	ASTMD4052	0.7874
Residual Odor	ASTMD1296	Pass
Permanganate Time of Acetone at 25°C	ASTMD101363	>20 min
Alkalinity, (as Ammonia NH ₃)	ASTMD1614	<0.0010 % (m/m)
Water Miscibility	ASTMD1722	Pass
Aldehydes	ASTMD329	Pass
Nonvolatile Matter	ASTMO1353	0.2 mg/100mL
Distillation Range of Volatile Organic Compounds	ASTMD1078	Pass
Initial Boiling Point		55.8 °C
Dry Point		56.4 °C
Distillation Range		0.6 °C
Acetone Assay	ACS Edition 9 pg. 121	<0.001 % (m/m)
Benzene		0.022 % (m/m)
Methanol Assay	ASTMD329	99.71 % (m/m)

	CONCLUSION: PASS	
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