



**PRODUCT SPECIFICATION SHEET**  
**ACETONE**

Meets FCC Grade Monographs  
Main Catalog #: zp329000FCC-Size Code\*

Available in the following sizes:

\*Refer to Master Price List – Individual package sizes have unique size codes

Test	Specification	Typical Result
Appearance	Clear, colorless, volatile liquid	Pass
Identification	A yellow precipitate of iodoform forms	Pass
Assay	NLT 99.5% and NMT 100.5% C <sub>3</sub> H <sub>6</sub> O by weight	99.7%
Inorganic Impurities: Lead	NMT 1 mg/kg	<1 mg/kg
Organic Impurities: Aldehydes	NMT 0.002%	<0.001%
Organic Impurities: Methanol	NMT 0.05%	<0.01%
Organic Impurities: Phenols	No Color Appears	Pass
Acidity (as Acetic Acid)	NMT 0.002%	0.0001%
Alkalinity (as Ammonia)	NMT 10 mg/kg	<1 mg/kg
Distillation Range	Within a range of 1°, including 56.1°	Pass
Nonvolatile Residue	NMT 10 mg/kg	<1 mg/kg
Refractive Index	Between 1.358 and 1.360 at 20°	1.359
Solubility in Water	The Solution remains clear for at least 30 minutes	Pass
Specific Gravity	NMT 0.7880 at 25°/25°	0.787
Substances Reducing Permanganate	The pink color does not entirely disappear	Pass
Water	NMT 0.5%	0.3%

Form: Acetone, FCC, Rev. 1.1, 06/16, KAD

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.