



**PRODUCT SPECIFICATION SHEET**  
**ACETONE**  
**MEETS REAGENT ACS USP/NF GRADE MONOGRAPHS**

Main Catalog Number: 329000000-Size Code\*, zp329000000-Size Code\*  
 Alternate Catalog Number: zc3290000CP-Size Code\*

Available in the following sizes:

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

Product Specifications	Monograph	Limits	Typical Lot Analysis
Assay, min (corrected for water)	ACS	99.5%	99.9%
Assay, min (anhydrous basis)	NF	99.0%	99.7%
Appearance	ACS	Clear Liquid with Characteristic Odor	Pass
Identification (IR)	NF	Conforms to Infrared Spectra	Pass
Identification Test B (GC)	NF	Conforms to Reference Chromatogram	Pass
Specific Gravity @ 25°C, max.	NF	0.7890	0.787
Color (APHA), max	ACS	10	<10
Residue After Evaporation, max	ACS	10 ppm	<10 ppm
Non-Volatile Residue, max	NF	0.004%	<0.001%
Readily Oxidizable Substances	NF	Color doesn't completely disappear in 15 min.	Pass
Substances Reducing KMnO <sub>4</sub>	ACS		Pass
Solubility In Water	ACS	Solution remains clear for 30 min.	Pass
Titration Acid, max	ACS	0.0003 meq/g	0.0002meq/g
Titration Base, max	ACS	0.0006 meq/g	0.0001meq/g
Aldehyde (as HCHO), max	ACS	0.002%	<0.002%
IPA, max	ACS	0.05%	0.001%
Methanol, max	ACS	0.05%	0.03%
Water, max	ACS	0.5%	0.30%
	NF	0.5%	0.30%

Form Acetone ACS-USP/NF, #101, Rev. 3.0, 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.