

PRODUCT SPECIFICATION SHEET

Acetone, HPLC Grade

Product Specification

Test	Specification	Typical Results
Assay (corrected for water)	>99.5%	99.66%
Assay (on the anhydrous basis)	>99.0%	99.97%
Aldehyde (as HCHO)	0.002%, max	<0.002%
Appearance	Clear liquid with characteristic odor	Pass
Color (APHA)	10 max.	1
Isopropyl Alcohol	0.05%, max	0.00%
Methanol	0.05%, max	0.03%
Substances Reducing Permanganate	To Pass Test	Pass
Residue after Evaporation	0.001%, max	0.000%
Solubility in Water	The solution remains clear for 30 min.	Pass
Titration Acid	0.0003 meq/g, max	0.0003
Titration Base	0.0006 meq/g, max	0.0001
Water	0.5%, max	0.31%
Specific Gravity @ 25°C	<0.789	0.787
Readily Oxidizable Substances	To Pass Test	Pass
Nonvolatile Residue	<2 mg/50mL (0.004%)	0
Identification A – Infrared Absorption	Conforms to Infrared Spectra	Pass
Identification B - GC	Conforms to Reference Chromatogram	Pass
UV Absorbance		
@330nm	1.00 AU, max.	0.65
@340nm	0.10 AU, max.	0.05
@350nm	0.02 AU, max.	0.00
@400nm	0.01 AU, max.	0.00

Appropriate/legal use of this product is the responsibility of the user.

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