LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Acetone
Item Number: ACEHPLC
Grade: HPLC
Lot Number: 220603-B026451
Manufacture Date: 05/25/2022
Expiration Date: 05/24/2027
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (corrected for water)	NLT 99.5%	99.60%
Assay (on the anhydrous basis)	NLT 99.0%	99.97%
Aldehyde (as HCHO)	0.002%, max	LT 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
Titrable Acid	0.0003 meq/g, max	0.0001
Titrable Base	0.0006 meq/g, max	0.0002
UV Absorbance @330nm	1.00 max.	0.65
UV Absorbance @340nm	0.10 max.	0.05
UV Absorbance @350nm	0.02 max.	0.00
UV Absorbance @400nm	0.01 max.	0.00
Identification A - Infrared Absorption	Conforms to Infrared Spectra	Pass
Identification B - GC	Conforms to Reference Chromatogram	Pass
Nonvolatile Residue	NMT 2 mg/50mL (0.004%)	0
Readily Oxidizable Substances	To Pass Test	Pass

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Water	0.5%, max	0.36%
Specific Gravity @ 25°C	NMT 0.789	0.788

Acetone

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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