

Acetone

HPLC SPECTRO GRADE

Catalog number: 329HPLCSPEC

est	Specification	Typical Result
Assay (by GC-FID), corrected for water	Min 99.5 %	99.53 %
Description	Clear colorless liquid free of suspended matter	Pass
Color Pt-Co	10 max.	5
Isopropyl Alcohol	0.05% max	0.01 %
Methanol	0.05% max	0.02 %
Residue After Evaporation	5ppm, max	0.1 ppm
Substances Reducing Permanganate	To Pass Test	Pass
Titration Acid	0.0003 meq/g, max	0.0002 meq/g
Titration Base	0.0006 meq/g, max	0.0000 meq/g
Aldehyde (as HCHO)	0.002%, max	LT 0.002%
Water	0.5%, max	0.40 %
UV Absorbance @330nm	Max. 1.00	0.67 AU
UV Absorbance @340nm	Max. 0.10	0.05 AU
UV Absorbance @350nm	Max. 0.01	0.001 AU
UV Absorbance @375nm	Max. 0.005	0.001 AU
UV Absorbance @400nm	Max. 0.005	0.001 AU

Certification and Compliance Statements

This product complies with all of the current requirements listed in the United States Pharmacopeia, American Chemical Society, National Formulary monographs, and meets the requirements for General Use HPLC Grade. This product is not intended for GC or critical HPLC analysis. See Distilled Grade for those Applications.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

No chemicals whatsoever are used as solvents at any point in the manufacture, processing or packaging of Acetone. Only Class 2 and Class 3 residual solvents may appear as impurities / related substances / low level contaminants in Acetone. Concentration of Class 2 Option 1 and Class 3 residual solvents is below limits in the current USP/NF General Chapter <467> and ICH Q3C Impurities: Residual Solvents.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.