



1000 TEDIA WAY
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SPECIFICATIONS

Name: Acetone
Catalog No: AS1112
Grade: HPLC/Spectro

Test Name

Limits

Description

Clear colorless liquid free of suspended matter

Passes Test

Assay (by GC-FID)

(Corrected for Water)

Min 99.5 %

Color

Max 10 APHA

Aldehydes

(as Formaldehyde)

Max 0.002 %

Isopropyl alcohol

Max 0.05 %

Methyl Alcohol

Max 0.05 %

Residue after Evaporation

Max 3 ppm

Solubility in Water

Passes Test

Identification by

IR Spectroscopy

Passes Test

Substances Reducing Permanganate

Passes Test

Titration Acid

Max 0.0003 meq/g

Titration Base

Max 0.0006 meq/g

Specific Gravity at

25/25°C

Max 0.7910 g/ml

Water

(by KF coulometry)

Max 0.50 %

Fluorescence at emission maximum for Impurities

(as Quinine sulfate)

Report Only

Height of Fluorescence at

420 nm

Report Only 0.7

Number of Unidentified Peaks > 0.02% Area

Max 0

Optical Absorbance at

330 nm

Max 1.000 AU

340 nm

Max 0.060 AU

350 nm

Max 0.010 AU

375 nm

Max 0.005 AU

400 nm

Max 0.005 AU

Transmittance at

345 nm

Min 50 %

350 nm

Min 80 %

360 nm

Min 98 %

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.