



1000 TEDIA WAY  
FAIRFIELD, OHIO, 45014, USA  
SALES@TEDIA.COM

## SPECIFICATIONS

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Name: Acetone  
Catalog No: AG2800  
Grade: GC

### Test Name

### Limits

#### Description

Clear colorless liquid free of suspended matter

Assay (by GC-FID)

Color

Initial boiling temperature at 760 mm Hg

Final boiling temperature at 760 mm Hg

Fluorescence at emission maximum for Impurities

(as Quinine sulfate)

Fluorescence at emission maximum for Impurities at

365 nm

GC-FID Responsive residue (single peak)

(as 2-Octanol)

GC-ECD Responsive residue (single peak)

(as Heptachlorepoxyde)

Identification by

IR Spectroscopy

Aldehydes

(as Formaldehyde)

Isopropyl alcohol

Methyl Alcohol

Refractive Index at

20°C

25°C

Residue after Evaporation

Solubility in Water

Specific Gravity at

25/25°C

Substances Reducing Permanganate

Titration Acid

Titration Base

Trace Organic Impurity

(Diacetone Alcohol, at the time of Packaging)

Water

(by KF coulometry)

Optical Absorbance at

329 nm

330 nm

Passes Test

Min 99.9 %

Max 5 APHA

Min 56 °C

Max 57 °C

Max 1 ppb

Max 1.0 ppb

Max 5 ppb

Max 10 ppt

Passes Test

Max 0.002 %

Max 0.05 %

Max 0.05 %

1.3570-1.3610

1.3555-1.3580

Max 1 ppm

Passes Test

Max 0.7890

Passes Test

Max 0.0003 meq/g

Max 0.0006 meq/g

Max 0.0010 %

Max 0.50 %

Max 1.00 AU

Max 0.800 AU

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



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## SPECIFICATIONS

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Name: Acetone  
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### Test Name

335 nm  
340 nm  
350 nm  
375 nm  
400 nm

### Limits

Max 0.300 AU  
Max 0.060 AU  
Max 0.005 AU  
Max 0.005 AU  
Max 0.005 AU

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