

Specifications

Name: Acetone
Catalog No: AU1003-008
Grade: USP/NF/BP/EP

<u>Test Name</u>	<u>Limits</u>
NF Tests	
Assay (by GC-FID)	
USP	Min 99.0 %
Identification by	
IR Spectroscopy	Passes Test
Retention Time	Passes Test
Nonvolatile Residue	
USP	Max 0.004 %
Readily Oxidizable Substances	
USP	Passes Test
System Suitability	
USP	Passes Test
Resolution between Methyl Alcohol and Acetone	Report Only 15.0
Water	
(by GC-TCD)	Max 0.5 %
BP/EP Tests	
Acidity or Alkalinity	Passes Test
Appearance of Solution	Passes Test
Relative Density at	
20°C	0.790-0.793
Solubility Test	Passes Test
Description	
Clear colorless liquid free of suspended matter	Passes Test
Identification by	
Test A	Passes Test
Test B	Passes Test
Test C	Passes Test
Matter Insoluble in Water	Passes Test
Isopropyl alcohol	Max 0.05 %
Reducing Substances	Passes Test
Related Substances	
(by BP/EP)	Passes Test
Residue after Evaporation	Max 50 ppm
System Suitability	
(BP method)	Passes Test
Resolution between Methyl Alcohol and Isopropyl Alcohol	Report Only 5.0
Signal to noise ratio of benzene	Report Only 5
Methyl Alcohol	Max 0.05 %

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Test Name

Trace Organic Impurity
(Benzene)
(Sum of All Secondary Peaks)
Water

Limits

Max 2 ppm
Max 0.05 %
Max 3 g/L