

Specifications

Name: Acetone
Catalog No: AU1003-065
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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|------------------------------|---------------|
| Trace Organic Impurity | Max 2 ppm |
| (Benzene) | Max 0.05 % |
| (Sum of All Secondary Peaks) | Max 3 g/L |
| Water | |

4/25/2024

Form Number : FN-012

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Page 2 of 2



Clear focus. Consistent results. Complete confidence.