



55245

Acetone VLSI Semiconductor Grade, 99.5%

Part A

CAS : 67-64-1

Molecular Formula : C₃H₆O

Molecular Weight : 58.08

Specifications

Appearance (Clarity)	Clear
Appearance (Colour)	Colourless
Appearance (Form)	Liquid
Particles > 0.5 µm	max. 250 P/ml
Assay (GC)	min. 99.5%
Density (g/ml) @ 20°C	0.789-0.792
Refractive Index (20°C)	1.358-1.360
Boiling Range	55-56°C
Non Volatile Matter	max. 0.0005%
Acidity (CH ₃ COOH)	max. 0.002%
Free alkali (as NH ₃)	max. 0.0002%
Chloride (Cl)	max. 0.00001%
Sulphate (SO ₄)	max. 0.0001%
Substances reducing KMnO ₄	max. 0.0002%
Ethanol (GC)	max. 0.01%
Methanol (GC)	max. 0.05%
Aldehydes (as HCHO)	max. 0.001%
Water (KF)	max. 0.2%
Bismuth (Bi)	max. 0.02 ppm
Calcium (Ca)	max. 0.05ppm
Cadmium (Cd)	max. 0.01ppm
Cobalt (Co)	max. 0.01ppm
Copper (Cu)	max. 0.01ppm
Iron (Fe)	max. 0.05ppm
Potassium (K)	max. 0.02ppm
Magnesium (Mg)	max. 0.02ppm
Manganese (Mn)	max. 0.01ppm
Molybdenum (Mo)	max. 0.01ppm
Sodium (Na)	max. 0.05ppm
Nickel (Ni)	max. 0.01ppm
Lead (Pb)	max. 0.01ppm
Antimony (Sb)	max. 0.01ppm

Tin (Sn)	max. 0.02ppm
Strontium (Sr)	max. 0.01ppm
Titanium (Ti)	max. 0.01ppm
Vanadium (V)	max. 0.01ppm
Zinc (Zn)	max. 0.02ppm
Silver (Ag)	max. 0.01ppm
Aluminium (Al)	max. 0.05ppm
Arsenic (As)	max. 0.01ppm
Gold (Au)	max. 0.02ppm
Boron (B)	max. 0.01ppm
Beryllium (Be)	max. 0.01ppm
Barium (Ba)	max. 0.02ppm
Chromium (Cr)	max. 0.01ppm
Gallium (Ga)	max. 0.01ppm
Indium (In)	max. 0.01ppm
Lithium (Li)	max. 0.01ppm
Platinum (Pt)	max. 0.02ppm
Thallium (Tl)	max. 0.01ppm
Zirconium (Zr)	max. 0.01ppm

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	UN No.:1090 , IMCO Class No.:3 , Packing Group:II
HSN Code	
1000 ml	29141100 (GST 18%)
2500 ml	29141100 (GST 18%)

Available Packages

1000 ml
2500 ml

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com