RCI Labscan Limited

Acetone, VLSI

CH_3COCH_3	FW. 58.08	Density 1 L = 0.790	Kg.
CAS-No.	67-64-1	Melting Point - 95.4	^oC
Code	VL1003	Boiling Point 56.2	^oC

Specifications

Assay (by GC.)		99.8%	min.
Identity		Corresponds to IR spectrum	
Water (by Coulometry)		0.2%	max.
Acidity (μEq./g.)		0.3	max.
Alkalinity (μEq./g.)		0.5	max.
Specific resistance (MΩ.cm)		5	min.
Residue on Evaporation		3	ppm max.
Ethanol (GC.)		50	ppm max.
Methanol (GC.)		500	ppm max.
Aldehydes (as HCHO)		10	ppm max.
Substances reducing permanganate (as O)		2.5	ppm max.
Heavy metals (as Pb)		0.1	ppm max.
Aluminium (Al)		50	ppb max.
Antimony (Sb)		10	ppb max.
Arsenic (As)		10	ppb max.
Barium (Ba)		20	ppb max.
Beryllium (Be)		10	ppb max.
Bismuth (Bi)		20	ppb max.
Boron (B)		10	ppb max.
Cadmium (Cd)		10	ppb max.
Calcium (Ca)		100	ppb max.
Chromium (Cr)		10	ppb max.
Cobalt (Co)		10	ppb max.
Copper (Cu)		10	ppb max.
Gallium (Ga)		10	ppb max.
Gold (Au)		20	ppb max.
Indium (In)		10	ppb max.
Iron (Fe)		10	ppb max.
Lead (Pb)		10	ppb max.
Lithium (Li)		10	ppb max.
Magnesium (Mg)		20	ppb max.
Manganese (Mn)		10	ppb max.
Molybdenum (Mo)		10	ppb max.
Nickel (Ni)		10	ppb max.
Platinum (Pt)		50	ppb max.
Potassium (K)		20	ppb max.
Silver (Ag)		10	ppb max.
Sodium (Na)		100	ppb max.
Strontium (Sr)		10	ppb max.
Thallium (Tl)		10	ppb max.
Tin (Sn)		20	ppb max.
Titanium (Ti)		20	ppb max.
Vanadium (V)		10	ppb max.
Zinc (Zn)		20	ppb max.
Zirconium (Zr)		20	ppb max.
Particle/ml :			
	0.5 μm and greater	30	max.
	1.0 μm and greater	8	max.

Product passed through 1 micron final filter.

TN_28-07-2012

S-QC03-VL-S-0101 / RV.00 / Eff.date 01-11-12