Acetone
CMOS

Material No.: 9005-05
Revision No.: 0

Product Specification

Test	Specification
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %
Color (APHA)	≤ 10
Residue after Evaporation	≤ 5 ppm
Titrable Acid (µeq/g)	≤ 0.3
Titrable Base (µeq/g)	≤ 0.5
Water (H_2O)	≤ 0.5 %
Solubility in H_2O	Passes Test
Chloride (Cl)	≤ 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb

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Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb
Trace Impurities - Nickel (Ni)	≤ 10.0 ppb
Trace Impurities - Niobium (Nb)	≤ 50.0 ppb
Trace Impurities - Potassium (K)	≤ 10.0 ppb
Trace Impurities - Silicon (Si)	≤ 50 ppb
Trace Impurities - Silver (Ag)	≤ 10.0 ppb
Trace Impurities - Sodium (Na)	≤ 10.0 ppb
Trace Impurities - Strontium (Sr)	≤ 10.0 ppb
Trace Impurities - Tantalum (Ta)	≤ 50.0 ppb
Trace Impurities - Thallium (Tl)	≤ 10.0 ppb
Trace Impurities - Tin (Sn)	≤ 20.0 ppb
Trace Impurities - Titanium (Ti)	≤ 10.0 ppb
Trace Impurities - Vanadium (V)	≤ 10.0 ppb
Trace Impurities - Zinc (Zn)	≤ 20.0 ppb
Trace Impurities - Zirconium (Zr)	≤ 10.0 ppb
Particle Count - 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml
Particle Count - 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml

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For Microelectronic Use

Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality