

Product Specification

Test	Specification
Assay (C ₆ H ₁₂) (by GC, corrected for water)	≥ 99.8 %
Appearance	Passes Test
Color (APHA)	≤ 15 APHA
Residue after Evaporation	≤ 0.005 %
Titration Acid (meq/g)	≤ 0.005 meq/g
Titration Base (meq/g)	≤ 0.003 meq/g
Water (H ₂ O)(by Karl Fischer titrn)	≤ 0.1 %
Chloride (Cl)	≤ 0.5 %
Phosphate (PO ₄)	≤ 1.0 %
Trace Impurities – Aluminum (Al)	≤ 100.0 ppb
Arsenic and Antimony (as As)	≤ 100.0 ppb
Trace Impurities – Barium (Ba)	≤ 100.0 ppb
Trace Impurities – Boron (B)	≤ 100.0 ppb
Trace Impurities – Calcium (Ca)	≤ 300.0 ppb
Trace Impurities – Chromium (Cr)	≤ 100.0 ppb
Trace Impurities – Cobalt (Co)	≤ 100.0 ppb
Trace Impurities – Copper (Cu)	≤ 100.0 ppb
Trace Impurities – Gold (Au)	≤ 100.0 ppb
Trace Impurities – Iron (Fe)	≤ 100.0 ppb
Trace Impurities – Lead (Pb)	≤ 100.0 ppb
Trace Impurities – Lithium (Li)	≤ 100.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 100.0 ppb
Trace Impurities – Manganese (Mn)	≤ 100.0 ppb
Trace Impurities – Nickel (Ni)	≤ 100.0 ppb
Trace Impurities – Potassium (K)	≤ 100.0 ppb
Trace Impurities – Silver (Ag)	≤ 100.0 ppb
Trace Impurities – Sodium (Na)	≤ 300.0 ppb
Trace Impurities – Strontium (Sr)	≤ 100.0 ppb

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Cyclohexane
CMOS



Material No.: 9027-09

Test	Specification
Trace Impurities – Tin (Sn)	≤ 100.0 ppb
Trace Impurities – Titanium (Ti)	≤ 100.0 ppb
Trace Impurities – Vanadium (V)	≤ 100.0 ppb
Trace Impurities – Zinc (Zn)	≤ 100.0 ppb
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 10 par/ml
Ammonium (NH ₄)	≤ 0.2 ppm
Bromide (Br)	≤ 0.2 ppm
Fluoride (F)	≤ 0.2 ppm
Nitrate (NO ₃)	≤ 0.2 ppm
Nitrite (NO ₂)	≤ 0.2 ppm
Sulfate (SO ₄)	≤ 0.2 ppm

For Microelectronic Use

Packaging Site: Paris Mfg Ctr & DC

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700

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