Tetramethylammonium Hydroxide (25% in H2O)
Finyte®

Material No.: 5879-03
Revision No.: 0

Product Specification

Test	Specification
Assay ($C_4H_{13}NO$) (by acid-base titration)	24.5 - 25.5 %
Carbonate (CO_3)	≤ 100 ppm
Color (APHA)	≤ 10
Halide (as Cl)	≤ 5 ppm
Trace Impurities - Aluminum (Al)	≤ 3.5 ppb
Trace Impurities - Barium (Ba)	≤ 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.2 ppb
Trace Impurities - Boron (FUT)	≤ 10.2 ppb
Trace Impurities - Boron (B) (Sub-supplier)	≤ 2.0 ppb
Trace Impurities - Calcium (Ca)	≤ 7.5 ppb
Trace Impurities - Chromium (Cr)	≤ 2.0 ppb
Trace Impurities - Cobalt (Co)	≤ 1.3 ppb
Trace Impurities - Copper (Cu)	≤ 2.0 ppb
Trace Impurities - Iron (Fe)	≤ 2.7 ppb
Trace Impurities - Lead (Pb)	≤ 1.4 ppb
Trace Impurities - Lithium (Li)	≤ 2.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 1.7 ppb
Trace Impurities - Manganese (Mn)	≤ 1.7 ppb
Trace Impurities - Nickel (Ni)	≤ 1.3 ppb
Trace Impurities - Potassium (K)	≤ 2.8 ppb
Trace Impurities - Silver (Ag)	≤ 10.0 ppb
Trace Impurities - Sodium (Na)	≤ 5.6 ppb
Trace Impurities - Tin (Sn)	≤ 1.7 ppb
Trace Impurities - Titanium (Ti)	≤ 1.9 ppb
Trace Impurities - Zinc (Zn)	≤ 2.3 ppb
Particle Count at point of fill - 1.0 µm and greater	≤ 25 par/ml
Particle Count at point of fill - 0.5 µm and greater	≤ 400 par/ml

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For Microelectronic Use

Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier
Vice President Global Quality