Acetone
CMOS

Material No.: 5965-05
Batch No.: 0000284275
Manufactured Date: 2021/06/01
Expiration Date: 2023/06/01
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	>= 99.5 %	99.8
Color (APHA)	<= 10	5
Specific Gravity at 20°/20°C	0.790 - 0.793	0.792
Residue after Evaporation	<= 5 ppm	1
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.5	< 0.1
Water (H_2O)	<= 0.5 %	0.2
Solubility in H_2O	Passes Test	PT
Chloride (Cl)	<= 0.2 ppm	< 0.1
Phosphate (PO_4)	<= 0.05 ppm	0.05
Trace Impurities - Aluminum (Al)	<= 50.0 ppb	5.0
Arsenic and Antimony (as As)	<= 5 ppb	1
Trace Impurities - Barium (Ba)	<= 20.0 ppb	1.0
Trace Impurities - Beryllium (Be)	<= 10.0 ppb	1.0
Trace Impurities - Bismuth (Bi)	<= 20.0 ppb	10.0
Trace Impurities - Boron (B)	<= 10.0 ppb	5.0
Trace Impurities - Cadmium (Cd)	<= 10.0 ppb	1.0
Trace Impurities - Calcium (Ca)	<= 25.0 ppb	1.0
Trace Impurities - Chromium (Cr)	<= 10.0 ppb	1.0
Trace Impurities - Cobalt (Co)	<= 10.0 ppb	1.0
Trace Impurities - Copper (Cu)	<= 10.0 ppb	1.0
Trace Impurities - Gallium (Ga)	<= 10.0 ppb	1.0
Trace Impurities - Germanium (Ge)	<= 10.0 ppb	10.0
Trace Impurities - Gold (Au)	<= 20.0 ppb	5.0

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

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Test	Specification	Result
Trace Impurities - Iron (Fe)	<= 20.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 10.0 ppb	10.0
Trace Impurities - Lithium (Li)	<= 10.0 ppb	1.0
Trace Impurities - Magnesium (Mg)	<= 20.0 ppb	1.0
Trace Impurities - Manganese (Mn)	<= 10.0 ppb	1.0
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	5.0
Trace Impurities - Nickel (Ni)	<= 10.0 ppb	5.0
Trace Impurities - Niobium (Nb)	<= 50.0 ppb	1.0
Trace Impurities - Potassium (K)	<= 10.0 ppb	10.0
Trace Impurities - Silicon (Si)	<= 50.0 ppb	10.0
Trace Impurities - Silver (Ag)	<= 10.0 ppb	1.0
Trace Impurities - Sodium (Na)	<= 10.0 ppb	5.0
Trace Impurities - Strontium (Sr)	<= 10.0 ppb	1.0
Trace Impurities - Tantalum (Ta)	<= 50.0 ppb	5.0
Trace Impurities - Thallium (Tl)	<= 10.0 ppb	5.0
Trace Impurities - Tin (Sn)	<= 20.0 ppb	10.0
Trace Impurities - Titanium (Ti)	<= 10.0 ppb	1.0
Trace Impurities - Vanadium (V)	<= 10.0 ppb	1.0
Trace Impurities - Zinc (Zn)	<= 20.0 ppb	1.0
Trace Impurities - Zirconium (Zr)	<= 10.0 ppb	1.0
Particle Count - 0.5 µm and greater	<= 100 par/ml	11
Particle Count - 1.0 µm and greater	<= 8 par/ml	3

For Microelectronic Use

Country of Origin: TW

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