

## Certificate of Analysis

Test	Specification	Result
Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water)	≥ 99.5 %	99.9 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Acidity (µeq/g)	≤ 0.3	0.2
Alkalinity (µeq/g)	≤ 0.5	0.1
Water (H <sub>2</sub> O)	≤ 0.5 %	0.1 %
Solubility in H <sub>2</sub> O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO <sub>4</sub> )	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	17.6 ppb
Trace Impurities – Chromium (Cr)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	1.9 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	1.3 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	2 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Sodium (Na)	≤ 50.0 ppb	19.6 ppb
Trace Impurities – Tin (Sn)	≤ 50 ppb	< 10 ppb
Trace Impurities – Titanium (Ti)	≤ 20 ppb	< 1 ppb
Trace Impurities – Zinc (Zn)	≤ 50 ppb	2 ppb

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Acetone  
VLSI



Material No.: 5356-05  
Batch No.: 22C1861014

Test	Specification	Result
Particle Count – 0.5 µm and greater	≤ 60 par/ml	4 par/ml
Particle Count – 1.0 µm and greater	≤ 8 par/ml	3 par/ml

**For Microelectronic Use**

Reported value is the average of all samples counted for this lot number, with no individual sample value exceeding the specification.

Country of Origin: USA  
Packaging Site: Paris Mfg Ctr & DC

Jamie Ethier  
Vice President Global Quality

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