

NMP (1-Methyl-2-pyrrolidinone)
ALEG®
Positive Photoresist Stripper



Material No.: 6397-05
Batch No.: 0000289685
Manufactured Date: 2021-07-11
Retest Date: 2026-07-10
Revision No.: 1

Certificate of Analysis

Test	Specification	Result
Assay (C ₅ H ₉ NO)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 20	10
Water (H ₂ O)(by Karl Fischer titrn)	≤ 0.05 %	0.01 %
Free Amines (as CH ₃ NH ₂)	≤ 50 ppm	1 ppm
Chloride (Cl)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	≤ 1 ppm	< 1 ppm
Trace Impurities - Aluminum (Al)	≤ 100.0 ppb	0.5 ppb
Arsenic and Antimony (as As)	≤ 100.0 ppb	< 100.0 ppb
Trace Impurities - Barium (Ba)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Boron (B)	≤ 100.0 ppb	< 2.0 ppb
Trace Impurities - Calcium (Ca)	≤ 300 ppb	3 ppb
Trace Impurities - Chromium (Cr)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Gold (Au)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Iron (Fe)	≤ 100.0 ppb	3.0 ppb
Trace Impurities - Lead (Pb)	≤ 100 ppb	< 3 ppb
Trace Impurities - Lithium (Li)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Manganese (Mn)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Potassium (K)	≤ 100 ppb	< 4 ppb
Trace Impurities - Silver (Ag)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Sodium (Na)	≤ 300 ppb	9 ppb
Trace Impurities - Strontium (Sr)	≤ 100.0 ppb	< 0.5 ppb
Trace Impurities - Tin (Sn)	≤ 100 ppb	< 2 ppb
Trace Impurities - Titanium (Ti)	≤ 100.0 ppb	< 1.0 ppb
Trace Impurities - Vanadium (V)	≤ 100.0 ppb	< 0.5 ppb

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For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
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Test	Specification	Result
Trace Impurities - Zinc (Zn)	≤ 100.0 ppb	< 1.0 ppb
Particle Count - 1.0 μm and greater (Rion KS42AF)	≤ 10 par/ml	3 par/ml

For Microelectronic Use
Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC


Jamie Ethier
Vice President Global Quality

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