



Specification Report

Printed on: 5-Nov-12

439-064055 Standard

Item Code: 439-064055
Description: N-Methylpyrrolidone Cleanroom® MB
Container: POLY BOTTLE
Approved on: 24-Sep-2008

Ship to: 439-064055 Standard
Specification: Standard
Revision: 1
Part Number: 439-064055

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (NMP)	99.80		%
Assay (H2O)		0.05	%
Color		50	APHA
Color			
Appearance			
Free Amines		50	ppm
Residue After Ignition		10,000	ppb
Chloride (Cl)		500	ppb
Phosphate (PO4)		500	ppb
Aluminum (Al)		20.0	ppb
Antimony (Sb)		20.0	ppb
Arsenic (As)		20.0	ppb
Barium (Ba)		20.0	ppb
Boron (B)		20.0	ppb
Cadmium (Cd)		20.0	ppb
Calcium (Ca)		20.0	ppb
Chromium (Cr)		20.0	ppb
Cobalt (Co)		20.0	ppb
Copper (Cu)		20.0	ppb
Gallium (Ga)		20.0	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Germanium (Ge)		20.0	ppb
Gold (Au)		20.0	ppb
Iron (Fe)		20.0	ppb
Lead (Pb)		20.0	ppb
Lithium (Li)		20.0	ppb
Magnesium (Mg)		20.0	ppb
Manganese (Mn)		20.0	ppb
Nickel (Ni)		20.0	ppb
Potassium (K)		20.0	ppb
Silver (Ag)		20.0	ppb
Sodium (Na)		20.0	ppb
Strontium (Sr)		20.0	ppb
Tin (Sn)		20.0	ppb
Titanium (Ti)		20.0	ppb
Zinc (Zn)		20.0	ppb
0.5µ Particle Count		150	par/ml
1.0µ Particle Count		10	par/ml