



Specification Report

Printed on: 5-Nov-12

430-064143 Standard

Item Code: 430-064143
Description: Hexamethyldisilazane (HMDS) Cleanroom® MB
Container: AMBER BOTTLE
Approved on: 4-Jan-2011

Ship to: 430-064143 Standard
Specification: Standard
Revision: 2
Part Number: 430-064143

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Assay (HMDS)	99.50		%
Assay (H2O)		50	ppm
Color		10	APHA
Appearance			
Acidity		2.00	µeq/g
Leading Impurity			%
Trailing Impurity		0.10	%
Turbidity		1.00	NTU
Absorption		0.250	l/g/cm
Refractive Index	1.4050	1.4060	
Infrared			
Heavy Metals		100	ppb
Residue After Evaporation		3,000	ppb
Chloride (Cl)		1,000	ppb
Aluminum (Al)		5.00	ppb
Antimony (Sb)		5.00	ppb
Arsenic (As)		5.00	ppb
Barium (Ba)		10.00	ppb
Boron (B)		10.00	ppb
Cadmium (Cd)		10.00	ppb

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>
Calcium (Ca)		5.00	ppb
Chromium (Cr)		10.00	ppb
Cobalt (Co)		10.00	ppb
Copper (Cu)		5.00	ppb
Gallium (Ga)		10.00	ppb
Germanium (Ge)		10.00	ppb
Gold (Au)		10.00	ppb
Iron (Fe)		5.00	ppb
Lead (Pb)		10.00	ppb
Lithium (Li)		10.00	ppb
Magnesium (Mg)		5.00	ppb
Manganese (Mn)		5.00	ppb
Nickel (Ni)		10.00	ppb
Potassium (K)		5.00	ppb
Silver (Ag)		10.00	ppb
Sodium (Na)		5.00	ppb
Strontium (Sr)		10.00	ppb
Tantalum (Ta)		10.00	ppb
Tin (Sn)		10.00	ppb
Zinc (Zn)		10.00	ppb
Zirconium (Zr)		10.00	ppb
0.5µ Particle Count		50	par/ml
1.0µ Particle Count		20	par/ml