



## Specification for Hexamethyldisilazane, Electronic/Cleanroom Grade (H1024)

Item Number	H1024
Item	Hexamethyldisilazane, Electronic/Cleanroom Grade
CAS Number	999-97-3
Molecular Formula	C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub>
Molecular Weight	161.40
MDL Number	
Synonyms	HMDS

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub> )	99.0 %	
REFRACTIVE INDEX	1.4050	1.4060
TRAILING IMPURITIES (AREA %)	APPROX. 0.1 %	
COLOR (APHA)		10
ABSORBANCE @ 270 nm		0.25
TURBIDITY		1.0 NTU
WATER		50 ppm
NONVOLATILE RESIDUE		3 ppm
CHLORIDE (Cl)		2 ppm
ARSENIC AND ANTIMONY		10 ppb
ALUMINUM		100 ppb
BARIUM		100 ppb
BORON		100 ppb
CADMIUM (Cd)		50 ppb
CALCIUM (Ca)		100 ppb
CHROMIUM (Cr)		100 ppb
COBALT (Co)		20 ppb
COPPER (Cu)		100 ppb
GALLIUM (Ga)		100 ppb
GERMANIUM		100 ppb
GOLD		10 ppb
IRON (Fe)		50 ppb
LEAD (Pb)		10 ppb

Test	Specification	
	Min	Max
LITHIUM		100 ppb
MAGNESIUM (Mg)		100 ppb
MANGANESE (Mn)		100 ppb
NICKEL (Ni)		100 ppb
POTASSIUM (K)		100 ppb
SILVER (Ag)		100 ppb
SODIUM (Na)		100 ppb
STRONTIUM (Sr)		50 ppb
TIN (Sn)		100 ppb
TITANIUM (Ti)		100 ppb
ZINC (Zn)		100 ppb
ZIRCONIUM (ZR)		200 ppb
EXPIRATION DATE		
DATE OF MANUFACTURE		

***Spectrum Chemical Mfg Corp***

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