

Plaine Saint-Denis, 3 March 2022

HEXAMETHYLDISILAZANE

• SAMPLE :

Product code : 1554

Batch Number : 055547

Grade : VLSI

Expiration Date : 25/02/2023

Manufacturing Date : 25/02/2022

• RESULTS :

Analytical Process : 1554VLSI0001.00L000000G

N° LIMS : 119351

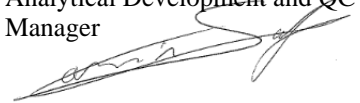
Parameters	Methods	Results	Specifications	Conclusion
Leading impurities	GC n°1-0045	< 0.1 %	<0.1 %	Conform
HMSD assay	GC n°1-0045	> 99.99 %	> 99 %	Conform
Chloride (Cl)	IC n°2-1	< 1 ppm	<3 ppm	Conform
APHA colour	APHA n°46	< 10 .	<10 .	Conform
Density @ 20°C	d n°51-1	0.77 .	0.77 .	Conform
Evaporation residues	ev n°44-1	< 5 ppm	<5 ppm	Conform
Aluminium (Al)	ICP n°4-0045	< 20 ppb	<50 ppb	Conform
Antimony (Sb)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Silver (Ag)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Arsenic (As)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Barium (Ba)	ICP n°4-0045	< 10 ppb	<20 ppb	Conform
Beryllium (Be)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Bismuth (Bi)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Boron (B)	ICP n°4-0045	< 10 ppb	<20 ppb	Conform
Cadmium (Cd)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Calcium (Ca)	ICP n°4-0045	< 20 ppb	<50 ppb	Conform
Chromium (Cr)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Cobalt (Co)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Copper (Cu)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Tin (Sn)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Iron (Fe)	ICP n°4-0045	< 20 ppb	<50 ppb	Conform
Gallium (Ga)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Lithium (Li)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Magnesium (Mg)	ICP n°4-0045	< 10 ppb	<20 ppb	Conform
Manganese (Mn)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Molybdenum (Mo)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Nickel (Ni)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Gold (Au)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Lead (Pb)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Potassium (K)	ICP n°4-0045	< 10 ppb	<20 ppb	Conform
Sodium (Na)	ICP n°4-0045	< 20 ppb	<50 ppb	Conform
Strontium (Sr)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Titanium (Ti)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform

Vanadium (V)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Zinc (Zn)	ICP n°4-0045	< 10 ppb	<20 ppb	Conform
Zirconium (Zr)	ICP n°4-0045	< 5 ppb	<10 ppb	Conform
Particles > 0.5 µm	Particles	7 part / mL	<250 part / mL	Conform

• **CONCLUSION :**

Conform

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Manager



*Those analytical results are according to the batch number.
Duplicate is not authorizing without the laboratory approval.*