

EXAMPLE CERTIFICATE OF ANALYSIS

Product	HEXAMETHYLDISILAZANE
Grade	VLSI
Lot Number	"Example"
Manufacturing Date	"Example"
Expiration Date	"Example"

Analysis	Specification	Results
Assay	99.0 % min.	99.9 %
Specific gravity (20°C)	0.77	0.77
Color	10 APHA	<10
Chloride	3 ppm	<3 ppm
Residues	5 ppm	<5 ppm
Leading impurities	0.1 %	<0.1 %
Cations		
Aluminium (Al)	50 ppb	<20 ppb
Antimony (Sb)	10 ppb	<5 ppb
Arsenic (As)	10 ppb	<5 ppb
Barium (Ba)	20 ppb	<10 ppb
Beryllium (Be)	10 ppb	<5 ppb
Bismuth (Bi)	10 ppb	<5 ppb
Boron (B)	20 ppb	<10 ppb
Cadmium (Cd)	10 ppb	<5 ppb
Calcium (Ca)	50 ppb	<20 ppb
Chromium (Cr)	10 ppb	<5 ppb
Cobalt (Co)	10 ppb	<5 ppb
Copper (Cu)	10 ppb	<5 ppb
Gallium (Ga)	10 ppb	<5 ppb
Gold (Au)	10 ppb	<5 ppb
Iron (Fe)	50 ppb	<20 ppb
Lead (Pb)	10 ppb	<5 ppb
Lithium (Li)	10 ppb	<5 ppb
Magnesium (Mg)	20 ppb	<10 ppb
Manganese (Mn)	10 ppb	<5 ppb
Molybdenum (Mo)	10 ppb	<5 ppb
Nickel (Ni)	10 ppb	<5 ppb
Potassium (K)	20 ppb	<10 ppb
Silver (Ag)	10 ppb	<5 ppb
Sodium (Na)	50 ppb	<20 ppb
Strontium (Sr)	10 ppb	<5 ppb
Tin (Sn)	10 ppb	<5 ppb
Titanium (Ti)	10 ppb	<5 ppb
Vanadium (V)	10 ppb	<5 ppb
Zinc (Zn)	20 ppb	<10 ppb
Zirconium (Zr)	10 ppb	<5 ppb
Particles		
	Particles $\geq 0.5 \mu\text{m}$	<250 particles /ml

The lab manager

Le 5 juin 2015

