

EXAMPLE CERTIFICATE OF ANALYSIS

Product	METHYL ETHYL KETONE (MEK) MICROPUR
Grade	VLSI
Lot Number	"Example"
Manufacturing Date	"Example"
Expiration Date	"Example"

Analysis	Spécifications	Résultats
Assay	99.5 %	99.9 %
Density (20°C)	0.805 - 0.807	0.806
Color	10 APHA	<10
Water	1000 ppm	<500 ppm
Residues	5 ppm	<5 ppm
Acidity (in acetic acid)	50 ppm	<30 ppm
Alcohol (in 2-butanol)	1000 ppm	<1000 ppm
Anionic Impurities		
Sulfates	0.5 ppm	<0.5 ppm
Chlorides	1 ppm	<1 ppm
Cationic Impurities		
Aluminium (Al)	50 ppb	<10 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	<10 ppb
Iron (Fe)	50 ppb	<20 ppb
Lead (Pb)	10 ppb	<5 ppb
Lithium (Li)	10 ppb	<5 ppb
Magnésium (Mg)	20 ppb	<20 ppb
Manganèse (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	<30 ppb
Strontium (Sr)	10 ppb	<10 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	<10 ppb
Particles		
Particles ≥ 0.5 µm		<250 particles /ml

Le chef du laboratoire

Le 17 avril 2015

