

EXAMPLE CERTIFICATE OF ANALYSIS

Product	SULPHURIC ACID 96 %
Grade	VLSI
Lot Number	"Example"
Manufacturing Date	"Example"
Expiration Date	"Example"

Analysis	Specifications	Results
Assay	96.0 % ± 1%	95.7%
Color	10 APHA	<10
Specific gravity measured at 20°C	1.84	1.84
Phosphate	0.5 ppm	<0.5 ppm
Chloride	0.1 ppm	<0.1 ppm
Nitrate	0.2 ppm	<0.2 ppm
Residues	3 ppm	<1 ppm
KMnO ₄ reducing	1 ppm	<1 ppm
Ammonia (NH ₄ ⁺)	2 ppm	<2 ppm
Cations		
Aluminium (Al)	50 ppb	<20 ppb
Antimony (Sb)	10 ppb	<5 ppb
Arsenic (As)	10 ppb	<5 ppb
Barium (Ba)	10 ppb	<5 ppb
Beryllium (Be)	10 ppb	<5 ppb
Bismuth (Bi)	20 ppb	<10 ppb
Bore (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
Magnésium (Mg)	20 ppb	<10 ppb
Manganèse (Mn)	10 ppb	<5 ppb
Molybdenum (Mo)	10 ppb	<5 ppb
Nickel (Ni)	10 ppb	<5 ppb
Potassium (K)	50 ppb	<20 ppb
Silver (Ag)	10 ppb	<5 ppb
Sodium (Na)	50 ppb	<20 ppb
Strontium (Sr)	20 ppb	<10 ppb
Tin (Sn)	20 ppb	<10 ppb
Titanium (Ti)	20 ppb	<10 ppb
Vanadium (V)	10 ppb	<5 ppb
Zinc (Zn)	20 ppb	<10 ppb
Zirconium (Zr)	10 ppb	<5 ppb
Particles		
<250 particles @ 0.5 µl/ml		

The lab manager

Date: 6/10/2015

