

EXAMPLE CERTIFICATE OF ANALYSIS

Product	ACETIC ACID
Grade	VLSI
Lot N°	"Example"
Date of manufacture	"Example"
Shelf life	"Example"

Analysis	Spécifications	Résultats
Assay	99.5% min	>99.9%
Chloride	0.5 ppm	<0.5 ppm
Phosphate	0.1 ppm	<0.1 ppm
Sulfate	0.5 ppm	<0.5 ppm
Heavy metal (Pb)	0.2 ppm	<0.2 ppm
Residue	5 ppm	<5 ppm
Carboxylic compounds	2 ppm	<2 ppm
Red agent KMnO4	20 ppm	<20 ppm
Red agent Cr2O7	50 ppm	<50 ppm
Acetic anhydride	100 ppm	<100 ppm
Formic acid	50 ppm	<50 ppm
Color (apha)	10	<10
Specific gravity	1.05 g/cm3	1.05 g/cm3
Cations		
Aluminium (Al)	50 ppb	<20 ppb
Antimony (Sb)	5 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
Boron (B)	10 ppb	<5 ppb
Cadmium (Cd)	10 ppb	<5 ppb
Calcium (Ca)	100 ppb	<50 ppb
Chromium (Cr)	20 ppb	<10 ppb
Cobalt (Co)	10 ppb	<5 ppb
Copper (Cu)	10 ppb	<5 ppb
Gallium (Ga)	10 ppb	<5 ppb
Germanium (Ge)	10 ppb	<5 ppb
Gold (Au)	10 ppb	<5 ppb
Iron (Fe)	100 ppb	<50 ppb
Lithium (Li)	10 ppb	<5 ppb
Lead (Pb)	20 ppb	<10 ppb
Magnésium (Mg)	50 ppb	<20 ppb
Manganese (Mn)	10 ppb	<5 ppb
Molybdenum (Mo)	10 ppb	<5 ppb
Nickel (Ni)	20 ppb	<10 ppb
Niobium (No)	10 ppb	<5 ppb
Potassium (K)	20 ppb	<10 ppb
Silver (Ag)	10 ppb	<10 ppb
Sodium (Na)	100 ppb	<50 ppb
Strontium (Sr)	10 ppb	<5 ppb
Tantalum (Ta)	10 ppb	<5 ppb
Thallium (Tl)	10 ppb	<5 ppb
Tin (Sn)	20 ppb	<10 ppb
Titanium (Ti)	20 ppb	<10 ppb
Vanadium (V)	10 ppb	<5 ppb
Zinc (Zn)	50 ppb	<10 ppb
Zirconium (Zr)	10 ppb	<5 ppb
Particles		
	> 0.5µm	< 250 p / ml

Laboratory manager

Date: 2015-03-12

