

EXAMPLE CERTIFICATE OF ANALYSIS

Product	HYDROCHLORIC ACID 37%
Grade	ULSI
Lot Number	"Example"
Manufacturing Date	"Example"
Expiration Date	"Example"

Analysis	Spécifications	Résultats
Assay	36.5 % min.	37.9 %
Specific gravity (20°C)	1.19	1.19
Color	10 APHA	<5
Phosphate	0.05 ppm	<0.02 ppm
Sulphate	0.5 ppm	<0.1 ppm
Sulfite	0.8 ppm	<0.5 ppm
Bromide	50 ppm	<5 ppm
Ammonium (NH ₄)	1 ppm	<0.5 ppm
Free halogens (Cl ₂)	Pass test	Pass test
Cations		
Aluminium (Al)	10 ppb	<10 ppb
Antimony (Sb)	10 ppb	<10 ppb
Arsenic (As)	10 ppb	<10 ppb
Barium (Ba)	10 ppb	<10 ppb
Bismuth (Bi)	10 ppb	<10 ppb
Bore (B)	10 ppb	<10 ppb
Cadmium (Cd)	10 ppb	<10 ppb
Calcium (Ca)	10 ppb	<10 ppb
Chromium (Cr)	10 ppb	<10 ppb
Cobalt (Co)	10 ppb	<10 ppb
Copper (Cu)	10 ppb	<10 ppb
Gallium (Ga)	10 ppb	<10 ppb
Germanium (Ge)	10 ppb	<10 ppb
Gold (Au)	10 ppb	<10 ppb
Iron (Fe)	10 ppb	<10 ppb
Lead (Pb)	10 ppb	<10 ppb
Lithium (Li)	10 ppb	<10 ppb
Magnésium (Mg)	10 ppb	<10 ppb
Manganèse (Mn)	10 ppb	<10 ppb
Mercury (Hg)	5 ppb	<5 ppb
Molybdenum (Mo)	10 ppb	<10 ppb
Nickel (Ni)	10 ppb	<10 ppb
Platinum (Pt)	10 ppb	<10 ppb
Potassium (K)	10 ppb	<10 ppb
Silver (Ag)	10 ppb	<10 ppb
Sodium (Na)	10 ppb	<10 ppb
Strontium (Sr)	10 ppb	<10 ppb
Tantalum (Ta)	10 ppb	<10 ppb
Thallium (Tl)	10 ppb	<10 ppb
Tin (Sn)	10 ppb	<10 ppb
Titanium (Ti)	10 ppb	<10 ppb
Vanadium (V)	10 ppb	<10 ppb
Zinc (Zn)	10 ppb	<10 ppb
Zirconium (Zr)	10 ppb	<10 ppb
COMPTAGES PARTICLES		
Bottles	10 p/ml ≥0.5 µm	

Le chef du laboratoire



Le 25 mars 2015