

Certificate of Analysis Example

Product	BUTYL ACETATE 99%
Grade	VLSI
Lot	
Manufacturing date	
Expiration date	

ANALYSIS	SPECIFICATIONS		RESULTS	
Assay	>	99 %	99,80	%
Color	<	10 APHA	< 10	APHA
Density at 20°C		0,88	0,88	
Residue	<	5 ppm	< 5	ppm
Water	<	500 ppm	< 500	ppm
N Butanol	<	5000 ppm	< 5000	ppm
N Butyl formiate	<	2000 ppm	< 2000	ppm
N Butyl propionate	<	2000 ppm	< 2000	ppm
Acidity	<	100 ppm	< 100	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
Bismuth (Bi)	<	10 ppb	< 5	ppb
Boron (B)	<	10 ppb	< 5	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)	<	20 ppb	< 10	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)	<	100 ppb	< 50	ppb
Strontium (Sr)	<	10 ppb	< 5	ppb
Tantalum (Ta)	<	10 ppb	< 5	ppb
Thallium (Tl)	<	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
Particles				
< 250 p/mL @ 0,5 µm				

Laboratory manager



April 1, 2022