



ULPlast OMNITIP® Tips

ULPlast is the exclusive tips manufacturer who tests all products for the contents of 20 metals.

The values indicated below were obtained after pipette tips were soaked in concentrated nitric acid for one hour. The solutions were analyzed by spectrometric techniques. Each value indicated in the table below is the average of 3 samples individually analyzed. The trace element concentrations are expressed in µg/l

LOD –metal content below the detection limit .

TIP VOLUME [µl]	10	200	300	1000 /1200
Aluminium (Al)	< LOD	< LOD	< LOD	< LOD
Cadmium (Cd)	< LOD	< LOD	< LOD	< LOD
Chromium (Cr)	< LOD	< LOD	< LOD	< LOD
Copper (Cu)	0,30 ±0,01	< LOD	< LOD	0,43 ±0,002
Mercury (Hg)	< LOD	< LOD	< LOD	< LOD
Manganese (Mn)	< LOD	< LOD	< LOD	< LOD
Nickel (Ni)	< LOD	0,02 ±0,01	< LOD	< LOD
Lead (Pb)	< LOD	0,04 ±0,01	< LOD	< LOD
Zinc (Zn)	< LOD	< LOD	< LOD	1,04 ±0,06
Iron (Fe)	< LOD	< LOD	< LOD	0,41 ±0,27
Cobalt (Co)	< LOD	< LOD	< LOD	< LOD
Sodium (Na)	1,70 ±0,06	0,73 ±0,02	< LOD	1,57±0,12
Calcium (Ca)	< GW	6,32 ±0,05	< LOD	18,2 ±0,7
Magnesium (Mg)	< LOD	< LOD	< LOD	< LOD
Titanium(Ti)	< LOD	< LOD	< LOD	< LOD
Strontium(Sr)	< LOD	< LOD	< LOD	< LOD
Molybdenum(Mo)	< LOD	< LOD	< LOD	< LOD
Potassium (K)	0,43 ±0,07	0,65 ±0,06	0,76 ±0,02	1,2 ±0,06
Bar(Ba)	< LOD	< LOD	< LOD	< LOD
Bismuth(Bi)	< LOD	< LOD	< LOD	< LOD