



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:46:22

User: Administrator
Project: Messung Martin+ Sayed.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 13.12.2021 17:59:19
Count rate: 87195 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: 15
Disc:
Spectrum: 15_18@161221_080845
Live time: 1000 s
Dead time: 20,5 %
Current: 600 µA
Anode: Mo
Optic: Monochromator 17,500

Method: Martin_Bubbles (Profile bayes optimized fit)

Comment:

Element	Line	Conc./ mg/l	Sigma/ mg/l	RSD/ %	LLD/ mg/l	Net area	Backgr.	Chi
Ca	K12	86,961	0,088	0,1	0,037	1688076	57577	108,63
Zn	K12	0,558	0,003	0,5	0,003	87429	32019	26,50
As	K12	Not det.			0,003	1	56750	373,69
Se (IS)	K12	10,000	0,009	0,1	0,005	2318833	123842	225,18
Sr	K12	Not det.			0,006	24	275893	104,93
Y	K12	143,936	0,056	0,0	0,009	35565245	535418	5563,67
Ba	L1	52,276	0,090	0,2	0,110	784820	304285	1024,51
La	L1	65,863	0,096	0,1	0,116	1193544	494342	165,19
Tb	L1	26,248	0,030	0,1	0,023	1528851	207017	616,08
Bi	L1	10,067	0,011	0,1	0,006	1639180	111441	78,72