



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:45:54

User: Administrator
Project: Messung Martin+ Sayed.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 13.12.2021 14:54:47
Count rate: 131568 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: 7
Disc:
Spectrum: 7_10@161221_080841
Live time: 1000 s
Dead time: 29,6 %
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	32,922	0,054	0,2	0,039	599878	56217	63,97
Zn	K12	Not det.			0,004	1	46457	386,77
As	K12	Not det.			0,004	1	65702	361,25
Se (IS)	K12	10,000	0,010	0,1	0,005	2176577	132697	139,41
Sr	K12	Not det.			0,008	1286	436712	203,64
Y	K12	250,875	0,094	0,0	0,011	58185978	786348	7859,35
Ba	L1	98,88	0,14	0,1	0,16	1393346	540341	1881,85
La	L1	125,52	0,15	0,1	0,17	2135152	882403	260,78
Tb	L1	50,345	0,046	0,1	0,033	2752487	356717	1092,83
Bi	L1	12,568	0,013	0,1	0,007	1920882	121730	71,21