



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:45:45

User: Administrator
Project: Messung Martin+ Sayed.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 13.12.2021 13:30:26
Count rate: 204690 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: 4
Disc:
Spectrum: 4_7@161221_080840
Live time: 1000 s
Dead time: 44,2 %
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	8,618	0,038	0,4	0,052	115914	53977	27,33
Zn	K12	0,038	0,003	8,4	0,007	4117	57759	4,48
As	K12	Not det.			0,005	1	62720	256,07
Se (IS)	K12	10,000	0,011	0,1	0,006	1606722	115933	360,66
Sr	K12	Not det.			0,014	1	736915	229,96
Y	K12	601,81	0,24	0,0	0,02	103036225	1294141	36492,59
Ba	L1	190,35	0,23	0,1	0,25	1980083	725308	2399,77
La	L1	220,83	0,25	0,1	0,26	2772802	1185315	660,46
Tb	L1	88,032	0,079	0,1	0,053	3552863	500307	2359,95
Bi	L1	12,744	0,015	0,1	0,009	1437842	104461	170,86