



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:45:57

User: Administrator
Project: Messung Martin+ Sayed.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 13.12.2021 15:19:02
Count rate: 102630 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: 8
Disc:
Spectrum: 8_11@161221_080842
Live time: 1000 s
Dead time: 23,6 %
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	35,566	0,054	0,2	0,034	691162	48757	55,39
Zn	K12	0,211	0,002	1,0	0,004	33026	38281	7,24
As	K12	Not det.			0,004	1	64420	382,22
Se (IS)	K12	10,000	0,009	0,1	0,005	2321370	135028	105,57
Sr	K12	Not det.			0,006	1	330017	93,78
Y	K12	172,380	0,066	0,0	0,010	42640176	620085	3967,30
Ba	L1	60,84	0,10	0,2	0,13	914329	400635	2158,32
La	L1	99,85	0,12	0,1	0,13	1811463	658254	164,17
Tb	L1	37,637	0,037	0,1	0,027	2194600	272033	513,40
Bi	L1	12,188	0,012	0,1	0,006	1986692	123907	52,03