



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:45:29

User: Administrator
Project: Messung Martin+ Sayed.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 13.12.2021 11:44:51
Count rate: 292065 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: 1
Disc:
Spectrum: 1_4@161221_080838
Live time: 1000 s
Dead time: 58,3 %
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	0,229	0,032	14,1	0,068	2362	54354	1,12
Zn	K12	Not det.			0,010	1	74240	64,13
As	K12	Not det.			0,006	1	60347	125,26
Se (IS)	K12	10,000	0,013	0,1	0,008	1232541	97557	455,03
Sr	K12	Not det.			0,021	1	1049383	529,15
Y	K12	1148,29	0,49	0,0	0,03	150813354	1884524	74935,46
Ba	L1	289,70	0,35	0,1	0,36	2311803	904569	4088,45
La	L1	391,77	0,40	0,1	0,38	3773687	1494922	1230,69
Tb	L1	154,92	0,13	0,1	0,08	4796180	662615	3593,06
Bi	L1	9,551	0,015	0,2	0,010	826567	87235	152,79