



## S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 16.12.2021 10:45:37

User: Administrator  
Project: Messung Martin+ Sayed.rtx  
ID-No.:  
Quant. type: Liquid  
Meas.date: 13.12.2021 12:25:20  
Count rate: 213284 cps  
Voltage: 50 kV  
Excitation: Mo K radiation  
Filter: Mo 9,00 µm

Serial number: 42 235 1214  
Sample: 2  
Disc:  
Spectrum: 2\_5@161221\_080839  
Live time: 1000 s  
Dead time: 46,1 %  
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	0,254	0,020	7,9	0,041	3818	42872	1,11
Zn	K12	0,056	0,003	5,2	0,006	6753	56776	6,95
As	K12	Not det.			0,005	1	66061	284,06
Se (IS)	K12	10,000	0,011	0,1	0,006	1798783	125941	460,55
Sr	K12	Not det.			0,013	1	776792	419,65
Y	K12	576,17	0,21	0,0	0,02	110436903	1380497	44103,18
Ba	L1	145,27	0,19	0,1	0,21	1691839	648491	2638,58
La	L1	188,00	0,21	0,1	0,22	2642871	1062119	732,85
Tb	L1	73,685	0,066	0,1	0,045	3329298	467269	2359,46
Bi	L1	11,894	0,014	0,1	0,008	1502259	111934	206,58