



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 12.01.2022 13:32:30

User: Administrator
Project: Messung Martin220106.rtx
ID-No.:
Quant. type: Liquid
Meas.date: 06.01.2022 14:19:17
Count rate: 95649 cps
Voltage: 50 kV
Excitation: Mo K radiation
Filter: Mo 9,00 µm

Serial number: 42 235 1214
Sample: Bam
Disc:
Spectrum: Bam_5
Live time: 1000 s
Dead time: 21,8 %
Current: 600 µA
Anode: Mo
Optic: Monochromator 17,500

Method: BAM_Nala (Profile bayes optimized fit)

Comment:

Element	Line	Conc./ mg/l	Sigma/ mg/l	RSD/ %	LLD/ mg/l	Net area	Backgr.	Chi
Na	K12	66,5	7,4	11,1	15,4	2945	51808	14,14
Mg	K12	9,1	1,9	21,0	4,0	1367	40485	2,39
Al	K12	810,3	1,9	0,2	1,7	308900	46728	7,93
P	K12	Not det.			0,3	1	43796	12,90
Cl	K12	0,137	0,062	45,0	0,131	806	65284	12,32
Mn	K12	7,002	0,017	0,2	0,024	487611	320271	4,41
Ni	K12	0,112	0,004	3,2	0,007	14371	94899	34,02
Cu	K12	0,230	0,003	1,2	0,005	33223	59910	1328,04
Se (IS)	K12	10,000	0,009	0,1	0,003	2483914	74937	51,05
Sr	K12	15,472	0,011	0,1	0,003	4483200	106704	587,63
Y	K12	Not det.			0,005	1	174370	210,61
Ba	L1	1391,77	0,62	0,0	0,14	22382074	569742	385,64
Eu	L1	156,251	0,095	0,1	0,035	7684455	336365	3,45
Bi	L1	8,805	0,010	0,1	0,005	1535654	76816	132,10