



S2 PICOFOX - TRACE ELEMENT ANALYSIS

Listed at 12/9/2016 1:21:15 PM

User: Administrator

Serial number: 42 214 0214

Sample:

ID-No.:

Disc:

Quant. type: Liquid

Spectrum: Measured_1

Meas.date: 12/9/2016 1:11:43 PM

Live time: 500 s

Count rate: 3617 cps

Dead time: 1.0 %

Voltage: 50 kV

Current: 600 μ A

Excitation: Mo K radiation

Method: Standard (Profile bayes normal fit)

Comment:

Element	Line	Conc./ mg/l	Sigma/ mg/l	RSD/ %	LLD/ mg/l	Net area	Backgr.	Chi
Cl	K12	0.603	0.017	2.8	0.025	2813	1572	1.64
Ca	K12	1.030	0.009	0.9	0.007	17048	1574	1.16
Ti	K12	1.020	0.007	0.7	0.005	28707	1826	1.35
V	K12	1.017	0.006	0.6	0.004	35760	1990	2.03
Cr	K12	1.006	0.005	0.5	0.003	45769	2146	2.01
Mn	K12	1.032	0.005	0.5	0.003	57195	2295	2.45
Fe	K12	1.040	0.005	0.4	0.002	73141	2461	2.36
Co	K12	1.015	0.004	0.4	0.002	83149	2534	2.24
Ni	K12	1.005	0.004	0.4	0.002	102720	2562	3.81
Cu (IS)	K12	1.000	0.004	0.4	0.001	114845	2437	3.57
Zn	K12	1.012	0.003	0.3	0.001	135140	2192	6.30
As	K12	1.020	0.003	0.3	0.001	190670	1759	1.55
Se	K12	1.016	0.003	0.3	0.001	200826	1668	6.19
Sr	K12	0.912	0.003	0.3	0.001	210331	1521	2.91

