

Sample	Weight	Dilution	Cr (ug/l)	Cr (ug/ml)	Cr (ug/g)	Fe (ug/l)	Fe (ug/ml)
Blank	0.0000		0.17	0.0002		5.73	0.0057
A1ai	1.0066	100	959.20	0.9592	9527.4190	7247.00	7.2470
A1aii	1.0018	100	910.50	0.9105	9086.9435	7018.00	7.0180
A1aiii	1.0022	100	894.80	0.8948	8926.6613	6877.00	6.8770
A1bi	1.0104	100	753.20	0.7532	7452.7910	5632.00	5.6320
A1bii	1.0086	100	769.10	0.7691	7623.7359	5800.00	5.8000
A1biii	1.0235	100	991.10	0.9911	9681.7782	7448.00	7.4480
Mean					8716.55		
SD					955.18		

Fe (ug/g)	Ni (ug/l)	Ni (ug/ml)	Ni (ug/g)	Cu (ug/l)	Cu (ug/ml)	Cu (ug/g)	Zn (ug/l)
	0.23	0.0002		8.45	0.0085		2.07
71937.9098	5.50	0.0055	52.35446	74.10	0.0741	652.1955	15430.00
69996.7059	5.14	0.0051	49.01178	71.13	0.0711	625.6738	15260.00
68561.8639	5.17	0.0052	49.29156	70.88	0.0709	622.9296	15130.00
55683.5907	4.10	0.0041	38.30166	53.61	0.0536	446.9517	12800.00
57448.6417	4.28	0.0043	40.15467	55.41	0.0554	465.5959	13210.00
72713.9228	5.50	0.0055	51.48999	68.64	0.0686	588.0801	16540.00
66057.11			46.77			566.90	
7515.41			6.01			88.28	

Zn (ug/ml)	Zn (ug/g)	Cd (ug/l)	Cd (ug/ml)	Cd (ug/g)	Pb (ug/l)	Pb (ug/ml)	Pb (ug/g)
0.0021		0.00	0.0000		0.12	0.0001	
15.4300	153267.7330	0.03	0.0000	0.2980	5.02	0.0050	48.6787
15.2600	152305.1507	0.03	0.0000	0.2995	4.95	0.0050	48.2132
15.1300	150947.2161	0.03	0.0000	0.2993	4.78	0.0048	46.4977
12.8000	126662.0150	0.03	0.0000	0.2969	4.64	0.0046	44.7348
13.2100	130953.1033	0.03	0.0000	0.2974	4.73	0.0047	45.7069
16.5400	161582.1202	0.03	0.0000	0.2931	4.92	0.0049	46.8979
	145952.89			0.30			45.96
	13857.89			0.00			1.49

Concentration of heavy metals in sample A by Pseudototal digestion.

Sample	Weight	Dilution	Cr (ug/l)	Cr (ug/ml)	Cr (ug/g)	Fe (ug/l)	Fe (ug/ml)
Blank	0.0000		0.17	0.0002		5.73	0.0057
B1ai	1.0066	100	1988.00	1.9880	19747.9634	7266.00	7.2660
B1aii	1.0133	100	2055.00	2.0550	20278.5947	7405.00	7.4050
B1aiii	1.0259	100	2009.00	2.0090	19581.1483	7368.00	7.3680
B1bi	1.0350	100	1688.00	1.6880	16307.5362	5918.00	5.9180
B1bii	1.0221	100	2034.00	2.0340	19898.5422	6843.00	6.8430
B1biii	1.0167	100	1990.00	1.9900	19571.4567	6925.00	6.9250
Mean					19230.87		
SD					1455.71		

Fe (ug/g)	Ni (ug/l)	Ni (ug/ml)	Ni (ug/g)	Cu (ug/l)	Cu (ug/ml)	Cu (ug/g)	Zn (ug/l)
	0.13	0.0001		0.11	0.0001		2.07
72126.6640	1.88	0.0019	17.385257	0.87	0.0009	7.5502	19240.00
73021.5139	1.55	0.0016	14.013619	0.92	0.0009	7.9937	19580.00
71764.0121	1.71	0.0017	15.401111	1.01	0.0010	8.7728	20170.00
57123.3816	2.06	0.0021	18.647343	1.21	0.0012	10.6280	16360.00
66894.3352	1.62	0.0016	14.577830	0.98	0.0010	8.5119	19610.00
68056.1621	1.72	0.0017	15.638832	1.12	0.0011	9.9341	19890.00
68164.34			15.94			8.89	
5929.20			1.75			1.17	

Zn (ug/ml)	Zn (ug/g)	Cd (ug/l)	Cd (ug/ml)	Cd (ug/g)	Pb (ug/l)	Pb (ug/ml)	Pb (ug/g)
0.0021		0.00	0.0000		0.12	0.0001	
19.2400	191117.9217	0.09	0.0001	0.8941	6.79	0.0068	66.2627
19.5800	193209.6122	0.12	0.0001	1.1842	6.87	0.0069	66.6140
20.1700	196587.6791	0.11	0.0001	1.0722	7.04	0.0070	67.4530
16.3600	158047.6329	0.12	0.0001	1.1594	7.17	0.0072	68.1159
19.6100	191839.6439	0.11	0.0001	1.0762	6.90	0.0069	66.3340
19.8900	195612.5701	0.11	0.0001	1.0819	6.78	0.0068	65.5060
	187735.84			1.08			66.71
	14697.14			0.10			0.93

Concentration of heavy metals in sample B by Pseudototal digestion.

Sample	Weight	Dilution	Cr (ug/l)	Cr (ug/ml)	Cr (ug/g)	Fe (ug/l)	Fe (ug/ml)
Blank	0.0000		0.17	0.0002		5.73	0.0057
Cai	1.0081	100	26.67	0.0267	262.8707	600.40	0.6004
Caii	1.0071	100	26.46	0.0265	261.0466	444.40	0.4444
Caiii	1.0100	100	24.48	0.0245	240.6931	407.70	0.4077
Cbi	1.0091	100	27.03	0.0270	266.1778	438.40	0.4384
Cbii	1.0180	100	21.29	0.0213	207.4656	314.00	0.3140
Cbiii	1.0058	100	26.50	0.0265	261.7817	425.00	0.4250
Mean					250.01		
SD					22.73		

Fe (ug/g)	Ni (ug/l)	Ni (ug/ml)	Ni (ug/g)	Cu (ug/l)	Cu (ug/ml)	Cu (ug/g)	Zn (ug/l)
	0.23	0.0002		8.45	0.0085		2.07
5898.9188	1949.00	1.9490	19331.1179	14.91	0.0149	64.0809	9.06
4355.7740	1939.00	1.9390	19251.0178	14.90	0.0149	64.0453	8.84
3979.9010	1727.00	1.7270	17096.7327	15.88	0.0159	73.5644	8.67
4287.6821	1983.00	1.9830	19648.8951	15.13	0.0151	66.1976	8.50
3028.1925	1567.00	1.5670	15390.6680	15.23	0.0152	66.6012	9.02
4168.5226	1927.00	1.9270	19156.5918	15.44	0.0154	69.4969	8.93
4286.50			18312.50			67.33	
926.93			1698.94			3.65	

Zn (ug/ml)	Zn (ug/g)	Cd (ug/l)	Cd (ug/ml)	Cd (ug/g)	Pb (ug/l)	Pb (ug/ml)	Pb (ug/g)
0.0021		0.00	0.0000		0.12	0.0001	
0.0091	69.3384	0.00	0.0000	0.0000	1.07	0.0011	9.4237
0.0088	67.2227	0.00	0.0000	0.0000	1.08	0.0011	9.5323
0.0087	65.3465	0.00	0.0000	0.0000	0.95	0.0010	8.2178
0.0085	63.7201	0.00	0.0000	0.0000	1.10	0.0011	9.7116
0.0090	68.2711	0.01	0.0000	0.0982	0.96	0.0010	8.2515
0.0089	68.2044	0.00	0.0000	0.0000	1.06	0.0011	9.3458
	67.02			0.01			9.08
	2.10			0.04			0.67

Concentration of heavy metals in sample C by Pseudototal digestion.