Table: Data of 105 pottery samples from Naukratis, Tell Defenneh and of related vessels

Reference: Mommsen. H., Cowell, M., Fletcher, Ph., Hook, D., Schlotzhauer, U., Villing, A., Weber, S., Williams, D., 2006, Neutron Activation Analysis of pottery from Naukratis and other related vessels, in press

Concentrations of elements C measured by NAA, University Bonn, in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C (omitted values are neg. or have an error larger than the value)

Sample	factor	As	Ba	Ca%	Ce	Co	Cr	Cs	Eu	Fe%	Ga
Nauk 1	1.000	39.9	576.	6.83	85.3	41.9	386.	16.1	1.66	6.83	27.3
Nauk 2	1.000	32.3	585.	7.10	87.7	47.0	397.	16.3	1.70	6.90	28.0
Nauk 3	1.000	43.7	516.	5.02	85.9	41.2	385.	16.2	1.67	6.80	25.8
Nauk 4	1.000	17.2	636.	7.51	109.	34.3	193.	12.1	1.58	5.09	23.8
Nauk 5	1.000	14.6	594.	7.66	86.1	67.7	474.	7.80	1.52	6.88	20.2
Nauk 6	1.000	13.8	648.	6.36	131.	45.7	306.	10.7	1.98	6.57	27.4
Nauk 7	1.000	13.3	638.	4.37	97.0	15.9	122.	10.3	1.38	3.90	25.7
Nauk 8	1.000	19.9	498.	6.41	82.9	34.5	317.	9.71	1.49	5.71	23.7
Nauk 9	1.000	2.23	558.	3.69	73.2	37.1	161.	1.41	2.03	7.40	22.1
Nauk 10	1.000	9.42	437.	7.03	81.7	19.9	206.	18.3	1.38	4.90	24.5
Nauk 11	1.000	3.74	360.	2.85	57.4	35.4	345.	8.32	1.01	5.86	22.0
Nauk 12	1.000	25.4	795.	5.29	121.	27.1	188.	24.5	2.02	6.09	30.2
Nauk 13	1.000	11.1	743.	6.19	120.	27.9	187.	22.1	2.01	5.84	24.9
Nauk 14	1.000	2.87	433.	5.45	69.0	37.0	148.	1.41	1.96	7.42	24.4
Nauk 15	1.000	1.63	637.	3.47	66.3	33.3	170.	1.52	1.94	7.29	22.6
Nauk 16	1.000	1.95	696.	3.66	64.3	33.2	154.	1.45	1.81	6.86	24.7
Nauk 17	1.000	1.68	584.	3.08	66.7	31.8	163.	1.52	1.85	6.80	22.1
Nauk 18	1.000	3.80	448.	12.9	61.3	19.8	121.	1.56	1.54	4.98	17.4
Nauk 19	1.000	3.50	480.	3.40	74.5	39.7	165.	1.45	2.15	7.99	29.3
Nauk 20	1.000	5.06	566.	6.25	85.1	27.7	197.	12.9	1.42	5.38	25.5
Nauk 21	1.000	14.6	425.	7.40	88.9	16.3	125.	14.8	1.31	4.01	18.8
Nauk 22	1.000	15.1	458.	8.90	86.7	18.2	130.	15.9	1.36	4.09	19.9
Nauk 23	1.000	7.64	450.	8.09	75.9	26.8	233.	17.1	1.27	5.28	22.6
Nauk 24	1.000	7.35	429.	5.98	80.2	17.4	169.	26.8	1.30	4.63	24.0
Nauk 25	1.000	2.03	591.	4.01	69.0	40.0	160.	1.64	2.01	7.66	25.5
Nauk 26	1.000	13.5	591.	3.60	111.	16.4	118.	11.7	1.51	4.28	29.8
Nauk 27	1.000	3.72	580.	3.65	73.3	37.4	161.	1.52	2.10	7.82	27.0
Nauk 28	1.000	6.22	433.	7.51	71.4	19.0	198.	36.0	1.29	4.28	25.0
Nauk 29	1.000	18.9	447.	3.88	145.	17.2	140.	19.1	1.09	5.25	28.3
Nauk 30	1.000	14.7	337.	4.38	39.8	32.4	437.	8.99	0.90	3.84	15.3
Nauk 32	1.000	16.2	434.	3.03	86.7	15.0	120.	9.43	1.18	3.56	21.9
Nauk 33	1.000	1.78	543.	3.27	69.0	37.4	156.	1.44	2.01	7.43	27.5
Nauk 34	1.000	4.02	479.	2.48	61.4	26.0	142.	1.13	1.69	5.78	19.1
Nauk 35	1.000	6.40	318.	11.8	31.5	32.4	212.	2.54	0.89	4.57	15.2
Nauk 36	1.000	6.73	401.	5.58	80.4	23.9	210.	98.3	1.38	5.64	22.7
Nauk 37	1.000	7.88	453.	4.16	97.0	18.6	188.	24.8	1.44	4.33	27.6
Nauk 39	1.000	12.7	598.	4.83	105.	26.5	219.	12.0	1.53	5.18	46.7
Nauk 41	1.000	12.2	557.	5.94	110.	30.6	299.	11.6	1.42	4.74	40.1
Nauk 42	1.000	15.6	611.	3.61	121.	26.9	141.	12.7	1.55	4.69	32.3
Nauk 43	1.000	19.7	590.	5.33	67.1	39.9	507.	13.2	1.23	5.23	29.9

Table Naukratis ff.

Sample	factor	As	Ba	Ca%	Ce	Co	Cr	Cs	Eu	Fe%	Ga
Nauk 44	1.000	49.9	331.	8.21	73.1	24.1	216.	12.8	1.07	4.21	35.3
Nauk 47	1.000	57.7	854.	1.61	85.9	40.7	357.	31.9	1.38	5.69	17.8
Nauk 51	1.000	7.15	501.	6.91	66.4	43.5	438.	8.21	1.13	4.74	18.9
Nauk 52	1.000	10.3	313.	13.2	37.6	30.1	284.	2.57	1.06	5.59	28.3
Nauk 53	1.000	8.37	723.	5.45	129.	26.5	363.	13.6	1.69	4.87	58.6
Nauk 54	1.000	19.5	512.	8.49	82.1	16.4	127.	16.2	1.21	4.24	17.9
Nauk 55	1.000	10.8	273.	10.8	33.5	26.9	271.	3.23	0.90	5.07	18.9
Nauk 56	1.000	11.0	708.	14.3	42.6	18.1	224.	2.31	0.96	3.89	43.6
Nauk 57	1.000	33.8	627.	4.90	74.6	35.4	421.	12.9	1.47	5.66	46.2
Nauk 58	1.000	11.1	488.	4.67	74.9	23.6	230.	18.4	1.27	4.96	26.4
Nauk 59	1.000	5.98	218.	2.76	41.4	49.0	707.	4.44	0.78	6.06	57.6
Nauk 62	1.000	44.9	559.	5.92	72.3	20.5	153.	18.7	1.26	4.26	20.5
Nauk 63	1.000	30.0	752.	4.32	77.9	22.6	136.	16.8	1.33	4.42	13.5
Nauk 64	1.000	31.8	768.	5.72	107.	26.1	171.	24.0	1.79	5.80	20.7
Nauk 65	1.000	12.7	686.	5.13	65.2	17.8	148.	7.32	1.18	3.93	15.7
Nauk 66	1.000	5.64	490.	5.46	106.	30.6	249.	9.39	1.64	5.22	24.1
Nauk 67	1.000	8.27	336.	14.8	37.1	27.1	236.	3.52	0.91	4.78	19.9
Nauk 68	1.000	8.66	256.	13.2	39.1	29.0	377.	0.91	0.94	5.21	18.7
Nauk 69	1.000	4.39	424.	5.96	84.8	23.1	208.	13.6	1.33	4.48	20.5
Nauk 70	1.000	3.75	436.	6.33	90.4	27.8	199.	14.5	1.42	4.46	22.1
Nauk 72	1.000	20.9	473.	6.42	84.3	41.1	345.	17.6	1.52	6.49	34.6
Nauk 73	1.000	14.7	397.	4.16	84.4	18.9	95.6	9.80	1.29	4.78	26.6
Nauk 74	1.000	12.5	320.	9.40	66.8	13.4	75.2	6.93	1.10	3.72	22.8
Nauk 76	1.000	11.7	445.	8.01	76.9	17.5	173.	20.9	1.24	4.48	22.6
Nauk 77	1.000	6.37	677.	5.80	112.	26.6	189.	27.3	1.90	5.77	30.5
Nauk 78	1.000	6.49	577.	7.80	84.8	14.7	101.	7.12	1.29	3.93	21.8
Nauk 79	1.000	2.90	439.	2.86	66.7	31.5	146.	1.49	1.89	6.86	17.6
Nauk 80	1.000	5.76	187.	15.5	40.1	11.3	79.3	0.80	0.98	3.05	13.6
Nauk 81	1.000	5.11	526.	3.37	65.5	37.5	160.	1.69	1.91	7.63	26.9
Nauk 82	1.000	8.06	607.	3.21	78.3	37.4	158.	1.63	2.08	7.62	30.6
Nauk 83	1.000	1.97	541.	5.51	68.4	35.9	164.	1.52	1.97	7.22	30.9
Nauk 84	1.000	17.4	568.	6.85	90.9	37.4	340.	37.0	1.65	5.73	26.4
Nauk 85	1.000	4.33	391.	9.71	83.2	24.4	124.	7.47	1.24	4.33	24.2
Nauk 86	1.000	5.21	385.	9.65	80.3	16.0	126.	7.53	1.30	4.33	23.3
Nauk 87	1.000	7.68	503.	8.61	84.2	19.8	166.	29.6	1.39	4.40	22.0
Nauk 88	1.000	8.08	336.	8.27	45.9	32.3	463.	8.48	0.91	4.64	11.4
Defe 1	1.000	5.11	240.	6.33	56.5	58.3	580.	6.12	1.01	5.42	13.5
Defe 2	1.000	4.01	179.	9.74	47.5	56.1	526.	4.83	0.81	5.36	14.9
Defe 3	1.000	3.85	168.	7.83	43.5	56.9	608.	4.45	0.71	5.12	12.0
Defe 4	1.000	6.04	108.	8.31	41.7	51.3	634.	3.95	0.72	5.26	14.1

Table Naukratis ff.

Sample	factor	As	Ba	Ca%	Ce	Co	Cr	Cs	Eu	Fe%	Ga
Defe 5	1.000	4.90	183.	8.29	47.5	53.3	540.	5.82	0.84	5.09	15.5
Defe 6	1.000	12.7	274.	3.28	77.8	39.9	357.	9.44	1.35	5.75	23.0
Defe 7	1.000	5.93	393.	6.12	85.0	26.9	222.	18.6	1.42	5.53	32.3
Defe 8	1.000	3.78	123.	8.00	52.5	68.4	816.	5.52	0.89	5.67	16.6
Defe 9	1.000	7.79	461.	6.73	84.1	27.9	236.	20.5	1.41	5.52	26.0
Defe 10	1.000	2.31	504.	3.41	72.6	35.4	171.	1.55	2.06	7.64	27.5
Defe 11	1.000	15.6	476.	7.02	104.	32.9	275.	11.2	1.55	5.52	29.7
Defe 12	1.000	13.2	734.	5.51	108.	31.4	254.	19.4	1.68	6.19	37.0
Defe 13	1.000	6.35	546.	5.19	81.3	23.5	214.	14.3	1.32	4.98	29.9
Defe 14	1.000	2.95	544.	3.70	82.6	25.0	225.	14.8	1.39	5.06	34.1
Defe 15	1.000	10.7	500.	3.89	78.3	25.8	213.	14.8	1.38	5.21	27.6
Defe 16	1.000	20.3	812.	2.91	89.6	25.7	157.	13.3	1.45	4.77	–
Defe 17	1.000	23.2	796.	2.21	90.1	24.0	163.	14.1	1.42	4.65	17.6
Abus 1	1.000	9.01	284.	6.58	59.5	11.8	64.4	6.08	0.96	3.42	17.2
DlEgy 1	1.000	14.3	425.	6.88	102.	20.1	112.	11.5	1.62	5.72	32.3
TbEgy 1	1.000	8.89	536.	8.71	92.0	20.9	174.	30.4	1.33	4.80	29.0
Kari 1	1.000	23.0	668.	9.14	85.4	26.5	273.	10.3	1.22	5.41	25.6
Kari 2	1.000	6.78	440.	3.84	96.2	31.8	275.	8.23	1.45	5.51	23.6
Knid 1	1.000	8.36	407.	6.04	67.8	54.1	544.	7.99	1.09	5.03	20.0
Bere 11	1.000	28.8	613.	6.84	110.	35.5	299.	10.8	1.66	5.77	21.5
Emec 31	1.000	12.1	450.	9.18	80.6	33.8	342.	9.70	1.51	6.20	28.5
TeKa 3	1.000	17.9	668.	8.63	123.	39.4	333.	9.52	1.90	6.25	31.4
Kame 2	1.000	5.96	564.	0.57	48.2	10.8	58.2	3.45	1.06	3.29	19.5
Milet 41	1.000	21.7	1309.	3.40	69.0	33.0	151.	2.60	1.84	7.04	26.8
Rhod 20	1.000	4.90	186.	8.03	51.5	56.6	995.	6.07	1.00	5.57	16.8
av.meas.error		0.15	38.	0.21	1.2	0.33	2.7	0.34	0.088	0.032	3.2
in %		1.2	7.6	3.3	1.5	1.1	1.0	2.8	6.2	0.6	14.

Table Naukratis ff.

Concentrations of elements C measured by NAA, University Bonn, in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C (omitted values are neg. or have an error larger than the value)

Sample	factor	Hf	K %	La	Lu	Na%	Nd	Ni	Rb	Sb	Sc
Nauk 1	1.000	5.75	3.11	42.1	0.57	0.74	36.0	374.	173.	4.13	26.5
Nauk 2	1.000	5.74	3.11	43.5	0.61	0.71	39.7	426.	177.	4.19	27.0
Nauk 3	1.000	5.68	3.13	42.0	0.59	0.74	34.5	413.	173.	3.96	26.4
Nauk 4	1.000	4.97	3.12	50.2	0.54	1.01	45.3	298.	193.	1.88	17.0
Nauk 5	1.000	3.98	2.25	40.3	0.52	0.64	38.7	876.	116.	2.45	22.5
Nauk 6	1.000	4.35	2.73	58.3	0.67	1.05	53.8	451.	168.	3.34	22.5
Nauk 7	1.000	6.48	3.38	46.5	0.51	1.37	43.5	142.	211.	1.55	12.7
Nauk 8	1.000	5.68	2.32	40.7	0.54	0.99	35.9	294.	111.	2.06	23.1
Nauk 9	1.000	7.55	1.16	31.9	0.56	1.18	34.9	123.	51.6	0.37	25.0
Nauk 10	1.000	6.09	2.59	37.4	0.52	0.69	29.3	118.	153.	1.23	21.6
Nauk 11	1.000	4.39	3.02	26.1	0.44	0.99	25.9	339.	161.	0.56	22.9
Nauk 12	1.000	5.84	2.95	56.3	0.63	1.02	50.0	175.	177.	4.30	22.1
Nauk 13	1.000	6.68	3.03	56.0	0.62	1.09	51.7	165.	176.	3.77	21.5
Nauk 14	1.000	6.92	1.18	30.3	0.54	1.13	26.5	135.	50.8	0.42	25.1
Nauk 15	1.000	8.71	1.12	30.3	0.53	1.45	30.9	124.	56.0	0.23	24.9
Nauk 16	1.000	7.48	1.27	29.0	0.51	1.54	31.9	201.	55.0	0.34	23.4
Nauk 17	1.000	8.57	1.15	29.9	0.51	1.28	32.2	121.	54.2	0.23	23.4
Nauk 18	1.000	6.48	1.12	28.0	0.44	1.12	27.9	50.6	29.9	0.49	16.8
Nauk 19	1.000	7.34	1.11	32.0	0.62	1.39	30.2	97.9	55.3	0.52	27.4
Nauk 20	1.000	5.87	2.70	40.2	0.53	0.94	32.5	201.	152.	1.22	22.2
Nauk 21	1.000	6.21	2.14	42.4	0.44	0.83	33.1	85.8	116.	0.73	16.6
Nauk 22	1.000	5.81	2.54	41.3	0.43	0.91	32.9	147.	123.	0.88	17.8
Nauk 23	1.000	5.53	1.92	36.7	0.49	1.29	32.8	210.	95.4	1.24	21.3
Nauk 24	1.000	5.98	2.66	38.2	0.50	0.64	32.2	173.	163.	0.89	20.5
Nauk 25	1.000	7.24	1.17	29.9	0.52	1.29	31.5	97.1	57.0	0.31	25.7
Nauk 26	1.000	6.20	3.59	52.2	0.58	1.20	41.6	62.3	229.	1.43	14.3
Nauk 27	1.000	7.51	1.22	31.9	0.56	1.16	34.6	128.	53.5	0.41	26.0
Nauk 28	1.000	5.55	2.71	33.9	0.54	0.48	25.0	128.	166.	0.89	21.8
Nauk 29	1.000	11.1	3.14	77.9	0.76	1.87	59.0	41.5	192.	1.22	15.6
Nauk 30	1.000	2.95	1.63	18.8	0.35	1.39	18.3	335.	71.3	0.61	16.8
Nauk 32	1.000	4.25	3.23	39.9	0.47	1.03	34.3	37.1	184.	1.40	11.4
Nauk 33	1.000	7.16	1.13	29.1	0.56	1.29	31.2	142.	51.2	0.31	25.0
Nauk 34	1.000	8.05	1.33	26.9	0.42	1.39	27.4	104.	48.5	0.29	19.4
Nauk 35	1.000	2.42	1.36	16.1	0.37	1.07	15.0	216.	46.2	0.52	20.1
Nauk 36	1.000	5.88	2.38	37.0	0.48	1.12	30.5	174.	158.	1.53	21.2
Nauk 37	1.000	6.94	2.48	43.2	0.51	0.42	31.8	104.	146.	0.84	20.5
Nauk 39	1.000	5.53	3.32	50.8	0.53	1.00	43.6	258.	210.	2.21	16.8
Nauk 41	1.000	6.13	2.94	52.5	0.49	1.03	51.1	419.	187.	1.64	14.8
Nauk 42	1.000	5.43	3.93	53.4	0.54	1.07	50.7	170.	238.	1.69	15.3
Nauk 43	1.000	4.19	2.47	31.0	0.42	0.56	29.8	473.	137.	1.91	22.2

Table Naukratis ff.

Sample	factor	Hf	K %	La	Lu	Na%	Nd	Ni	Rb	Sb	Sc
Nauk 44	1.000	5.30	1.86	32.2	0.38	0.74	34.6	246.	106.	1.60	15.4
Nauk 47	1.000	5.45	3.13	40.1	0.44	1.25	41.6	500.	162.	2.79	21.7
Nauk 51	1.000	4.12	2.35	32.0	0.45	0.69	28.0	485.	110.	0.85	17.1
Nauk 52	1.000	3.16	2.46	42.9	0.43	1.05	20.6	208.	16.5	0.56	25.0
Nauk 53	1.000	8.78	3.59	61.2	0.43	1.18	51.6	299.	180.	1.95	14.9
Nauk 54	1.000	6.04	2.37	36.2	0.49	0.74	35.2	100.	129.	0.85	18.0
Nauk 55	1.000	2.67	1.85	16.9	0.36	1.16	18.2	205.	55.6	0.74	22.9
Nauk 56	1.000	2.51	1.67	19.2	0.34	1.00	18.0	122.	27.6	0.75	16.8
Nauk 57	1.000	4.16	3.05	37.3	0.55	0.66	37.3	398.	168.	1.82	24.1
Nauk 58	1.000	5.72	2.58	35.6	0.49	1.02	28.1	225.	136.	1.23	20.6
Nauk 59	1.000	3.39	1.66	18.9	0.35	0.53	19.8	802.	89.6	0.60	21.1
Nauk 62	1.000	4.54	2.20	34.4	0.41	1.03	27.8	128.	109.	3.15	17.0
Nauk 63	1.000	4.46	2.44	37.8	0.42	1.47	29.5	199.	119.	3.30	18.1
Nauk 64	1.000	4.31	2.81	49.7	0.51	1.45	38.6	144.	160.	3.91	21.5
Nauk 65	1.000	4.54	2.80	29.7	0.38	0.92	25.2	78.8	126.	1.27	15.3
Nauk 66	1.000	7.04	2.62	49.2	0.60	1.06	40.3	464.	161.	0.92	19.6
Nauk 67	1.000	3.07	1.00	18.2	0.39	1.19	17.2	199.	28.3	0.83	22.4
Nauk 68	1.000	3.10	1.49	18.9	0.37	0.94	17.7	225.	52.6	0.88	24.2
Nauk 69	1.000	6.60	2.14	39.9	0.54	0.94	31.8	91.3	125.	1.22	18.5
Nauk 70	1.000	6.67	2.19	41.3	0.51	0.96	32.7	–	122.	1.00	18.8
Nauk 72	1.000	5.72	2.43	40.9	0.55	0.96	34.6	287.	134.	2.89	25.0
Nauk 73	1.000	4.85	3.21	39.5	0.47	0.72	33.6	67.7	168.	1.37	18.4
Nauk 74	1.000	4.21	2.43	32.0	0.37	0.70	28.0	110.	131.	1.12	14.0
Nauk 76	1.000	5.94	2.39	36.6	0.47	0.81	30.1	78.1	138.	0.92	20.3
Nauk 77	1.000	6.30	2.95	51.0	0.58	0.97	48.0	199.	173.	2.82	21.4
Nauk 78	1.000	5.23	2.53	39.5	0.42	1.22	34.1	103.	135.	0.52	15.6
Nauk 79	1.000	6.71	1.72	28.8	0.51	2.13	28.9	93.3	44.9	0.27	23.4
Nauk 80	1.000	3.23	0.94	20.7	0.30	0.88	19.5	128.	21.0	0.53	9.85
Nauk 81	1.000	6.98	1.30	28.4	0.50	1.28	30.8	164.	54.7	0.39	25.9
Nauk 82	1.000	7.70	1.16	34.1	0.57	1.22	36.9	150.	57.1	0.40	25.8
Nauk 83	1.000	7.39	1.18	29.5	0.61	1.26	31.7	207.	53.9	0.33	24.1
Nauk 84	1.000	6.14	3.13	42.7	0.57	0.70	33.5	660.	184.	2.94	24.7
Nauk 85	1.000	4.77	2.35	39.3	0.37	0.83	31.2	353.	148.	0.83	16.7
Nauk 86	1.000	5.07	2.44	38.8	0.45	0.81	31.8	211.	141.	0.69	17.0
Nauk 87	1.000	6.25	2.58	40.3	0.50	0.67	31.4	–	147.	0.89	20.8
Nauk 88	1.000	3.46	1.58	21.1	0.33	1.37	17.0	536.	74.4	0.80	21.4
Defe 1	1.000	3.56	1.84	27.8	0.37	0.69	16.5	918.	96.0	0.63	17.5
Defe 2	1.000	2.76	1.42	22.9	0.32	0.69	14.8	767.	65.2	0.50	16.3
Defe 3	1.000	2.65	1.45	20.8	0.28	0.64	16.4	974.	69.5	0.37	15.4
Defe 4	1.000	2.61	1.53	19.9	0.28	0.72	9.40	880.	63.6	0.28	15.7

Table Naukratis ff.

Sample	factor	Hf	K %	La	Lu	Na%	Nd	Ni	Rb	Sb	Sc
Defe 5	1.000	2.95	1.62	23.0	0.32	0.57	11.5	856.	82.8	0.42	16.1
Defe 6	1.000	5.35	2.42	36.0	0.53	1.11	27.6	397.	131.	2.02	22.1
Defe 7	1.000	5.60	2.43	40.0	0.51	0.99	31.3	205.	147.	1.54	21.8
Defe 8	1.000	2.91	1.52	26.7	0.31	0.56	17.0	1159.	79.3	0.49	16.5
Defe 9	1.000	5.62	2.23	39.7	0.53	1.01	29.5	201.	145.	1.66	21.9
Defe 10	1.000	8.64	1.36	31.9	0.55	1.58	29.9	118.	57.8	0.31	25.9
Defe 11	1.000	4.50	2.97	48.7	0.52	0.77	41.4	429.	174.	2.11	17.9
Defe 12	1.000	4.60	2.79	46.5	0.53	0.79	52.9	325.	162.	3.14	22.8
Defe 13	1.000	6.00	2.50	37.3	0.51	0.96	39.6	198.	135.	1.06	20.4
Defe 14	1.000	6.20	0.62	16.5	0.55	1.39	42.4	217.	139.	1.18	20.8
Defe 15	1.000	6.16	2.49	39.3	0.54	1.05	33.0	220.	138.	1.32	21.2
Defe 16	1.000	4.30	2.47	40.6	0.43	1.71	43.4	167.	124.	3.42	20.1
Defe 17	1.000	4.76	2.69	39.5	0.40	1.78	37.9	165.	124.	3.80	19.4
Abus 1	1.000	3.51	1.98	28.3	0.32	0.82	21.8	66.8	110.	1.25	12.4
DlEgy 1	1.000	6.11	3.92	48.7	0.57	0.92	36.6	122.	201.	2.10	21.7
TbEgy 1	1.000	6.27	2.64	40.1	0.55	0.69	33.3	206.	149.	1.12	20.3
Kari 1	1.000	4.39	2.57	38.8	0.38	0.54	33.0	273.	154.	2.33	17.1
Kari 2	1.000	7.34	2.60	45.0	0.58	1.12	37.2	434.	145.	1.57	18.7
Knid 1	1.000	4.25	2.06	31.5	0.42	0.62	25.2	475.	112.	0.87	18.3
Bere 11	1.000	3.93	2.82	51.1	0.50	1.04	45.7	451.	148.	2.95	19.8
Emec 31	1.000	5.39	1.59	39.1	0.56	1.13	35.8	310.	88.4	2.44	23.8
TeKa 3	1.000	4.57	2.84	55.8	0.58	0.78	51.6	482.	150.	2.67	21.6
Kame 2	1.000	5.29	3.64	27.8	0.30	1.31	20.2	–	125.	0.73	11.8
Milet 41	1.000	7.49	1.04	26.8	0.40	1.08	29.9	103.	56.4	1.01	23.6
Rhod 20	1.000	3.36	2.29	25.8	0.32	0.31	16.4	859.	106.	0.55	18.5
av.meas.error		0.068	0.062	0.15	0.028	0.007	2.1	44.	2.6	0.076	0.031
in %		1.3	2.8	0.4	5.8	0.7	6.5	15.	2.1	5.3	0.2

Table Naukratis ff.

Concentrations of elements C measured by NAA, University Bonn, in $\mu g/g$ (ppm), if not indicated otherwise, average errors, also in percent of C (omitted values are neg. or have an error larger than the value)

Sample	factor	Sm	Ta	Tb	Th	Ti%	U	W	Yb	Zn	Zr
Nauk 1	1.000	7.87	1.28	0.99	17.5	0.64	2.88	4.08	3.78	141.	149.
Nauk 2	1.000	8.01	1.36	1.00	18.0	0.69	2.82	8.13	3.95	144.	162.
Nauk 3	1.000	7.20	1.23	0.97	17.5	0.63	3.04	3.95	3.75	130.	184.
Nauk 4	1.000	8.51	1.37	1.19	23.1	0.54	3.77	3.24	4.22	79.6	145.
Nauk 5	1.000	7.40	0.94	0.94	14.8	0.56	2.69	2.04	3.26	109.	129.
Nauk 6	1.000	10.5	1.26	1.34	28.0	0.53	4.26	2.16	5.04	101.	92.2
Nauk 7	1.000	8.65	1.42	1.12	23.6	0.50	3.81	3.13	4.13	72.2	109.
Nauk 8	1.000	7.24	1.15	0.83	14.7	0.66	2.58	3.48	3.55	115.	182.
Nauk 9	1.000	7.10	1.30	0.99	7.11	1.13	1.37	1.17	3.22	104.	283.
Nauk 10	1.000	5.72	1.31	0.73	16.2	0.56	3.49	2.52	3.33	102.	170.
Nauk 11	1.000	4.50	0.90	0.60	11.5	0.55	2.23	2.23	2.70	114.	117.
Nauk 12	1.000	9.81	1.17	1.24	21.0	0.56	3.87	2.54	4.36	115.	180.
Nauk 13	1.000	9.87	1.17	1.15	20.4	1.34	3.99	2.46	4.35	113.	234.
Nauk 14	1.000	6.00	1.33	1.02	5.83	0.89	1.61	1.65	3.36	113.	228.
Nauk 15	1.000	6.70	1.44	0.94	6.79	1.06	1.68	1.81	3.34	103.	295.
Nauk 16	1.000	6.48	1.27	0.89	5.80	0.99	1.38	1.67	3.10	104.	279.
Nauk 17	1.000	6.55	1.38	0.88	6.60	1.12	1.41	1.62	3.16	96.7	319.
Nauk 18	1.000	5.26	1.11	0.79	6.28	0.96	2.11	1.23	2.67	81.3	245.
Nauk 19	1.000	6.47	1.39	0.95	6.35	1.13	1.34	2.24	3.54	127.	282.
Nauk 20	1.000	6.46	1.24	0.91	16.8	0.65	3.16	2.14	3.57	117.	116.
Nauk 21	1.000	6.08	1.14	0.81	14.8	0.67	3.11	2.27	2.90	87.7	209.
Nauk 22	1.000	6.10	1.05	0.82	15.1	0.61	3.29	2.68	2.99	90.5	158.
Nauk 23	1.000	6.09	1.18	0.80	15.3	0.74	3.02	3.04	3.27	102.	142.
Nauk 24	1.000	5.74	1.35	0.83	17.9	0.61	3.12	2.75	3.38	107.	103.
Nauk 25	1.000	7.25	1.40	1.03	6.57	1.15	1.58	1.14	3.23	117.	320.
Nauk 26	1.000	8.94	1.53	1.16	26.1	0.52	5.01	4.61	4.46	78.0	107.
Nauk 27	1.000	7.39	1.35	1.06	6.57	1.08	1.67	1.41	3.55	112.	298.
Nauk 28	1.000	5.32	1.36	0.77	16.4	0.62	2.49	2.59	3.31	112.	135.
Nauk 29	1.000	10.7	2.57	1.25	33.2	0.45	5.87	3.39	5.56	131.	168.
Nauk 30	1.000	3.53	0.66	0.47	6.59	0.42	2.25	1.40	2.29	72.0	35.4
Nauk 32	1.000	6.12	1.23	0.96	20.5	0.37	3.50	4.32	3.62	96.6	98.4
Nauk 33	1.000	6.59	1.26	0.95	5.73	0.98	1.38	2.28	3.49	110.	288.
Nauk 34	1.000	5.46	1.13	0.89	6.10	0.72	1.54	1.57	2.78	84.2	287.
Nauk 35	1.000	2.91	0.46	0.57	4.56	0.60	1.43	1.55	2.14	76.3	111.
Nauk 36	1.000	5.62	1.45	0.77	18.9	0.63	2.52	3.47	3.26	157.	156.
Nauk 37	1.000	6.01	1.48	0.89	18.4	0.59	3.21	3.35	3.48	108.	177.
Nauk 39	1.000	7.96	1.52	1.33	25.1	0.48	3.79	3.25	4.09	83.2	146.
Nauk 41	1.000	7.91	1.59	1.13	27.5	0.36	3.98	3.80	3.74	73.7	227.
Nauk 42	1.000	9.01	1.60	1.39	28.0	0.45	3.91	4.90	4.40	83.6	122.
Nauk 43	1.000	5.90	0.77	0.79	11.1	0.29	2.79	3.05	2.83	110.	100.

Table Naukratis ff.

Sample	factor	Sm	Ta	Tb	Th	Ti%	U	W	Yb	Zn	Zr
Nauk 44	1.000	5.37	1.17	0.78	15.3	0.45	3.69	2.90	2.80	106.	158.
Nauk 47	1.000	6.18	0.84	0.72	19.1	0.53	4.46	3.69	2.67	94.8	162.
Nauk 51	1.000	5.19	0.93	0.74	11.5	0.41	2.50	3.74	3.00	85.1	134.
Nauk 52	1.000	3.86	0.54	0.60	5.98	–	3.14	4.52	3.76	82.1	45.8
Nauk 53	1.000	7.97	1.57	1.01	31.6	0.39	5.43	4.93	3.51	76.7	242.
Nauk 54	1.000	5.58	1.12	0.73	15.3	0.47	3.96	–	3.10	83.0	157.
Nauk 55	1.000	3.42	0.51	0.74	5.37	0.57	2.38	3.24	2.23	82.2	141.
Nauk 56	1.000	3.75	0.53	0.55	5.21	0.44	2.91	12.5	2.16	49.8	58.9
Nauk 57	1.000	6.81	0.92	0.98	12.4	0.35	2.40	5.67	3.37	136.	109.
Nauk 58	1.000	5.56	1.08	0.81	15.3	0.67	3.06	6.52	3.23	83.0	149.
Nauk 59	1.000	3.42	0.75	0.42	8.38	0.57	2.00	5.50	2.14	177.	197.
Nauk 62	1.000	5.28	0.82	0.64	15.7	0.46	3.29	2.46	2.59	98.4	75.4
Nauk 63	1.000	5.59	0.89	0.68	19.5	0.49	3.90	2.88	2.57	110.	–
Nauk 64	1.000	7.77	1.05	1.06	22.2	0.60	3.99	2.99	3.50	101.	–
Nauk 65	1.000	4.76	0.85	0.65	13.3	0.42	3.39	2.40	2.56	81.1	68.5
Nauk 66	1.000	7.40	1.47	0.94	19.7	0.50	2.67	2.61	4.09	123.	190.
Nauk 67	1.000	3.43	0.50	0.58	5.34	0.71	1.91	1.61	2.32	65.9	91.8
Nauk 68	1.000	3.54	0.51	0.52	5.86	0.71	1.94	1.23	2.26	72.2	38.8
Nauk 69	1.000	5.93	1.10	0.83	14.7	0.71	2.87	2.25	3.27	89.7	144.
Nauk 70	1.000	6.13	1.17	0.88	14.8	0.61	2.61	2.16	3.30	92.1	139.
Nauk 72	1.000	6.62	1.27	0.93	17.3	0.64	2.89	3.61	3.73	123.	164.
Nauk 73	1.000	6.09	1.20	0.75	15.6	0.45	3.94	3.14	3.19	93.3	65.9
Nauk 74	1.000	4.91	0.92	0.70	12.1	0.49	2.78	1.96	2.50	84.2	114.
Nauk 76	1.000	5.29	1.28	0.68	16.8	0.63	4.51	3.28	3.03	129.	60.8
Nauk 77	1.000	8.53	1.17	1.17	19.2	0.66	4.00	3.21	4.18	113.	149.
Nauk 78	1.000	5.99	1.13	0.80	14.3	0.55	3.43	2.23	3.01	70.8	123.
Nauk 79	1.000	6.17	1.30	0.87	6.12	1.02	1.49	1.78	3.21	112.	199.
Nauk 80	1.000	3.32	0.65	0.50	4.61	0.52	2.61	0.83	2.03	138.	67.0
Nauk 81	1.000	6.20	1.33	0.93	6.15	0.98	1.92	2.46	3.09	120.	213.
Nauk 82	1.000	7.28	1.43	1.06	7.20	1.03	2.26	2.13	3.67	109.	307.
Nauk 83	1.000	6.35	1.22	1.01	6.12	1.01	1.51	1.83	3.47	112.	308.
Nauk 84	1.000	6.87	1.31	1.00	18.3	0.50	2.82	3.36	3.62	144.	140.
Nauk 85	1.000	5.88	1.07	0.81	12.6	0.45	3.61	2.28	2.80	105.	46.0
Nauk 86	1.000	6.01	1.14	0.87	12.7	0.40	3.57	2.33	3.03	112.	98.4
Nauk 87	1.000	6.02	1.37	0.78	17.8	0.55	3.93	2.36	3.28	114.	132.
Nauk 88	1.000	3.80	0.78	0.57	7.49	0.29	1.32	1.41	2.13	59.0	74.4
Defe 1	1.000	3.49	0.89	0.64	9.63	0.47	1.92	1.95	2.30	80.7	119.
Defe 2	1.000	3.06	0.66	0.52	7.99	0.43	2.20	1.72	1.95	97.9	60.4
Defe 3	1.000	2.61	0.60	0.45	7.26	0.25	1.39	1.69	1.70	93.5	138.
Defe 4	1.000	2.43	0.62	0.39	6.85	0.41	1.56	1.64	1.75	108.	86.3

Table 1 ff:

Sample	factor	Sm	Ta	Tb	Th	Ti%	U	W	Yb	Zn	Zr
Defe 5	1.000	2.94	0.71	0.48	7.99	0.41	1.58	1.30	1.90	82.6	129.
Defe 6	1.000	5.14	1.19	0.88	13.2	0.60	1.92	5.84	3.36	116.	168.
Defe 7	1.000	5.25	1.19	0.95	16.6	0.78	2.95	2.74	3.42	107.	166.
Defe 8	1.000	3.23	0.73	0.54	10.3	0.50	1.63	1.17	2.03	97.4	164.
Defe 9	1.000	5.67	1.18	0.91	16.5	0.67	2.93	2.54	3.34	104.	222.
Defe 10	1.000	6.47	1.42	0.98	6.82	1.12	1.54	1.72	3.52	114.	318.
Defe 11	1.000	7.64	1.36	1.11	22.2	0.46	3.73	3.47	3.84	124.	131.
Defe 12	1.000	8.22	1.10	1.12	19.8	0.47	3.32	3.97	3.75	105.	212.
Defe 13	1.000	6.11	1.13	0.88	14.9	0.46	2.48	3.49	3.33	98.1	178.
Defe 14	1.000	6.30	1.21	0.97	15.4	3.48	1.87	3.61	2.11	102.	195.
Defe 15	1.000	5.95	1.21	0.93	15.8	0.56	2.72	3.77	3.40	99.0	220.
Defe 16	1.000	6.82	0.92	0.81	23.0	0.36	3.82	4.52	2.78	114.	136.
Defe 17	1.000	6.72	0.92	0.86	20.6	0.48	3.49	3.98	2.83	110.	143.
Abus 1	1.000	4.14	0.75	0.67	10.3	0.31	2.15	1.80	2.25	80.2	123.
DlEgy 1	1.000	7.23	1.35	0.99	18.0	0.64	3.66	3.78	3.79	137.	145.
TbEgy 1	1.000	–	1.36	0.83	17.4	0.68	2.83	3.13	3.30	113.	277.
Kari 1	1.000	5.91	1.22	0.84	17.3	1.36	5.05	2.83	2.95	135.	–
Kari 2	1.000	7.08	1.38	1.06	19.7	1.05	2.73	2.33	4.07	125.	130.
Knid 1	1.000	4.69	0.91	0.72	11.9	0.45	2.15	2.29	2.74	107.	69.3
Bere 11	1.000	8.93	1.04	1.05	21.2	0.51	3.90	2.01	3.62	110.	43.3
Emec 31	1.000	6.49	1.24	0.86	15.3	0.54	2.61	2.95	3.47	112.	191.
TeKa 3	1.000	9.81	1.19	1.34	23.0	0.38	4.41	2.53	4.34	102.	227.
Kame 2	1.000	3.57	0.81	0.53	10.2	0.40	2.63	2.35	2.39	58.1	118.
Milet 41	1.000	–	1.29	0.95	6.09	1.02	1.10	1.72	2.96	111.	368.
Rhod 20	1.000	3.11	1.15	0.51	9.73	0.63	1.85	2.18	1.90	80.6	112.
av.meas.error		0.025	0.033	0.081	0.076	0.079	0.10	0.22	0.057	5.7	29.
in %		0.4	2.9	9.3	0.5	12.	3.7	7.8	1.8	5.5	18.