

Supplemental Table S1. Mass fraction of arsenosugar, DMA, and total arsenic in the extract of SRM 3232. Values are in mg kg⁻¹ units

	As(328)	As(328)c*	DMA	As(482)	As(392)	As(sum)	As(total)
RA1	1.49	0.76	0.49	5.09	13.45	20.51	18.4
RA2	1.02	1.49	0.64	4.99	13.03	19.68	22.8
RB1	1.20	1.30	0.47	5.32	14.79	21.77	22.1
RB2	1.31	1.26	0.32	5.16	14.84	21.63	22.0
RC1	0.81	0.99	3.42	6.35	11.82		20.3
RC2	0.96	1.18	2.68	5.02	13.38		20.6
RD1	1.32	0.72	0.28	5.00	11.57	18.17	20.3
RD2	1.16	1.20	0.37	5.31	13.26	20.10	20.4
RE1	0.93	1.13	0.35	5.59	203.16		19.9
RE2	1.40	0.79	0.61	5.39	24.11		19.6
RF1	1.16	1.55	0.52	5.19	12.02	18.89	18.9
RF2	1.34	1.26	0.24	5.81	13.51	20.89	20.4
RG1	0.60	0.91	0.36	5.57	12.90	19.43	20.7
RG2	1.21	0.97	0.39	4.62	12.71	18.93	21.6
RH1	1.00	1.02	0.40	5.34	13.51	20.24	19.9
RH2	1.06	1.14	0.34	5.11	13.64	20.15	20.3
Average	1.12	1.10	0.41	5.23	13.17	20.0	20.5
s	0.23	0.24	0.12	0.29	0.96	1.1	1.2
RSD, %	21	22	29	5.6	7.3	5.4	5.6

* results of As(328) obtained by cation exchange LC-INAA.

Outliers found by the Grubb's test are in strike-out font.