Appendix 2 Correlations between descriptive and ICPMS values

		Parity	BMI (continuous)	Lean or overweight	Maternal age	Education code	Income code	Cultural and/or linguistic diversity	Smoker	Birthweight	Birthweight under 2500gm	Gestation at birth (days)	Birth > 41 weeks	Idiopathic preterm birth	Induction of labour	Hypertensive disorders of pregnancy	Gestational diabetes	Multiple micronutrient supplements	Serum Iodine	Serum Molybdenum	Serum Zinc	Serum Selenium	Serum Manganese	Serum Iron	Serum Calcium	Serum Magnesium	Serum Sodium	Serum Phosphorus	Serum Potassium	Serum Chromium	Serum Copper
Parity	r												-.185					-.260													
	p												.037					.003													
	n												127					127													
BMI (continuous)	r			.792																				-.212							.337
	p			.000																				.021							.000
	n			123																				119							121
Lean or overweight	r		.792				-.204						-.177											-.194							.316
	p		.000				.024						.050											.035							.000
	n		123				123						123											118							120
Maternal age	r					.390	.303																		-.216		-.177		-.189		-.137
	p					.000	.001																		.017		.047		.033		.130
	n					127	127																		121		126		127		124
Education	r				.390		.401	.211	-.232									.250		.204					-.216				-.205		
	p				.000		.000	.017	.009									.005		.027					.017				.021		
	n				127		127	127	126									127		117					121				127		
Household Income	r				.303	.401		-.180																							
	p				.001	.000		.042																							
	n				127	127		127																							
Cultural and/or linguistic diversity	r					.211	-.180			-.197				.214						.211						.203					
	p					.017	.042			.027				.019						.023						.022					
	n					127	127			127				119						117						127					
Smoking	r					-.232												-.224													
	p					.009												.012													
	n					126												126													
Birthweight	r							-.197			-.768	.824	.254	-.613		-.206															
	p							.027			.000	.000	.004	.000		.020															
	n							127			120	127	127	119		127															
Birthweight under 2500 gm	r									-.768		-.651		.590																	
	p									.000		.000		.000																	
	n									120		120		119																	
Gestation at birth (days)	r									.824	-.651		.373	-.783		-.226	-.269														
	p									.000	.000		.000	.000		.011	.002														
	n									127	120		127	119		127	127														
Birth > 41 weeks	r	-.185		-.177						.254		.373			.203																
	p	.037		.050						.004		.000			.047																
	n	127		123						127		127			96																
Idiopathic preterm birth	r							.214		-.613	.590	-.783				.299															
	p							.019		.000	.000	.000				.001															
	n							119		119	119	119				119															
Induction of labour	r												.203			.266			.283												
	p												.047			.009			.006												
	n												96			96			92												
Hypertensive disorders of pregnancy	r									-.206		-.226		.299	.266																
	p									.020		.011		.001	.009																
	n									127		127		119	96																
Gestational diabetes	r											-.269																			
	p											.002																			
	n											127																			
Multiple micronutrient supplements	r	-.260				.250			-.224																						
	p	.003				.005			.012																						
	n	127				127			126																						
Serum Iodine	r														.283					.250	.215	.330	.234	.182	.353	.415	.264	.203	.280	.240	.268
	p														.006					.008	.017	.000	.009	.048	.000	.000	.003	.024	.002	.008	.003

	n														92					113	123	123	123	118	117	123	123	123	123	123	120
Serum Molybdenum	r					.204		.211											.250							.257					
	p					.027		.023											.008							.005					
	n					117		117											113							117					
Serum Zinc	r																		.215				.328			.352	-.265				
	p																		.017				.000			.000	.003				
	n																		123				127			127	126				
Serum Selenium	r																		.330						.337	.426	.564	.444	.398	.395	
	p																		.000						.000	.000	.000	.000	.000	.000	
	n																		123						121	127	126	126	127	127	
Serum Iron	r		-.212	-.194															.182							.206		.179			
	p		.021	.035															.048							.023		.049			
	n		119	118															118							122		121			
Serum Calcium	r				-.216	-.216													.353			.337				.358	.231	.362	.459		
	p				.017	.017													.000			.000				.000	.011	.000	.000		
	n				121	121													117			121				121	120	120	121		
Serum Magnesium	r							.203											.415	.257	.352	.426	.341	.206	.358		.247	.471	.525	.237	.208
	p							.022											.000	.005	.000	.000	.000	.023	.000		.005	.000	.000	.007	.021
	n							127											123	117	127	127	127	122	121		126	126	127	127	124
Serum Copper	r		.337	.316															.268							.208			.248		
	p		.000	.000															.003							.021			.006		
	n		121	120															120							124			124		