

ICP-AES AND ICP-MS SERIAL DILUTIONS

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
Aluminum	25000		26000		7	
Antimony	16	J	300	U	100	
Arsenic	27		50.0	U	100	
Barium	31	J	60	J	94	
Beryllium	23		27		20	
Cadmium	68		68		0	
Calcium	340000		380000		10	
Chromium	89		110		20	
Cobalt	28	J	28	J	0	
Copper	7600		8700		14	
Iron	110000		120000		12	
Lead	3400		3500		3	
Magnesium	4000	J	4600	J	15	
Manganese	140000	D	140000	D	3	
Nickel	69		71	J	2	
Potassium	2600	J	2400	J	5	
Selenium	35.0	U	180	U		
Silver	32		34	J	8	
Sodium	3200	J	25000	U	100	
Thallium	25.0	U	130	U		
Vanadium	6.2	J	21	J	233	
Zinc	11000		12000		9	