

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)	Q	Serial Dilution Result (S)	Q	% Difference	Q
Aluminum	12	J	100	U	100	
Antimony	2.0	U	10.0	U		
Arsenic	0.66	J	5.0	U	100	
Barium	8.3	J	8.1	J	2	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Calcium	440000		450000		2	
Chromium	2.0	U	10.0	U		
Cobalt	1.0	U	5.0	U		
Copper	2.0	U	10.0	U		
Iron	5000		5200		3	
Lead	0.29	J	5.0	U	100	
Magnesium	160000		170000		4	
Manganese	70		72		2	
Nickel	1.0	U	5.0	U		
Potassium	4100		4200		2	
Selenium	5.0	U	25.0	U		
Silver	1.0	U	5.0	U		
Sodium	48000		48000		2	
Thallium	1.0	U	5.0	U		
Vanadium	5.0	U	25.0	U		
Zinc	1.1	J	25.0	U	100	