

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	20.0	U	100	U		
Antimony	2.0	U	10.0	U		
Arsenic	1.0	U	5.0	U		
Barium	7.3	J	7.2	J	1	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Calcium	440000		420000		4	
Chromium	2.0	U	10.0	U		
Cobalt	1.0	U	5.0	U		
Copper	2.0	U	10.0	U		
Iron	450		440	J	1	
Lead	1.0	U	5.0	U		
Magnesium	130000		120000		4	
Manganese	36		35		3	
Nickel	1.0	U	5.0	U		
Potassium	3200		3100		5	
Selenium	5.0	U	25.0	U		
Silver	1.0	U	5.0	U		
Sodium	34000		32000		5	
Thallium	1.0	U	5.0	U		
Vanadium	5.0	U	25.0	U		
Zinc	5.0	U	25.0	U		