

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	0.22	J	5.0	U	100	
Barium	99		100		1	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Calcium	62000		63000		0	
Chromium	15		15		5	
Cobalt	1.4		1.5	J	2	
Copper	2.0	U	10.0	U		
Iron	350		350	J	2	
Lead	1.0	U	5.0	U		
Magnesium	28000		29000		1	
Manganese	1.1		5.0	U	100	
Nickel	9.7		10		5	
Potassium	1600		1700	J	6	
Selenium	5.0	U	25.0	U		
Silver	1.0	U	5.0	U		
Sodium	22000		22000		0	
Thallium	1.0	U	5.0	U		
Vanadium	0.19	J	0.2	J	5	
Zinc	5.0	U	25.0	U		