Standards equivalent to

Standards equivalent to Agilent

Agilent Environmental Calibration Standard - 25 components		**Reference:** 5183-4688.L1 **Volume:** 100 ml **Matrix:** in 10 % HNO_3/tr.HF	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Cu**	10 mg/l
Fe	1000 mg/l	**Pb**	10 mg/l
Mg	1000 mg/l	**Mn**	10 mg/l
K	1000 mg/l	**Mo**	10 mg/l
Na	1000 mg/l	**Ni**	10 mg/l
Al	10 mg/l	**Se**	10 mg/l
Sb	10 mg/l	**Ag**	10 mg/l
As	10 mg/l	**Tl**	10 mg/l
Ba	10 mg/l	**Th**	10 mg/l
Be	10 mg/l	**U**	10 mg/l
Cd	10 mg/l	**V**	10 mg/l
Cr	10 mg/l	**Zn**	10 mg/l
Co	10 mg/l		

Agilent Multi-element Calibration Standard # 2A - 28 components		**Reference:** 8500-6940.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ag	10 mg/l	**K**	10 mg/l
Al	10 mg/l	**Li**	10 mg/l
As	10 mg/l	**Mg**	10 mg/l
Ba	10 mg/l	**Mn**	10 mg/l
Be	10 mg/l	**Na**	10 mg/l
Ca	10 mg/l	**Ni**	10 mg/l
Cd	10 mg/l	**Pb**	10 mg/l
Co	10 mg/l	**Rb**	10 mg/l
Cr	10 mg/l	**Se**	10 mg/l
Cs	10 mg/l	**Sr**	10 mg/l
Cu	10 mg/l	**Tl**	10 mg/l
Fe	10 mg/l	**U**	10 mg/l
Ga	10 mg/l	**V**	10 mg/l
Hg	10 mg/l	**Zn**	10 mg/l

Initial Calibration Verification Standard - 24 components		**Reference:** 5183-4687.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Cr**	100 mg/l
Fe	1000 mg/l	**Mn**	100 mg/l
K	1000 mg/l	**Mo**	100 mg/l
Mg	1000 mg/l	**Pb**	100 mg/l
Na	1000 mg/l	**Sb**	100 mg/l
Ag	100 mg/l	**Se**	100 mg/l
Al	100 mg/l	**Tl**	100 mg/l
As	100 mg/l	**V**	100 mg/l
Ba	100 mg/l	**Zn**	100 mg/l
Be	100 mg/l	**U**	100 mg/l
Cd	100 mg/l	**Cu**	100 mg/l
Co	100 mg/l	**Ni**	100 mg/l

Initial Calibration Verification Standard - 26 components		**Reference:** 5183-4682.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Cr**	10 mg/l
Fe	1000 mg/l	**Cu**	10 mg/l
K	1000 mg/l	**Mn**	10 mg/l
Mg	1000 mg/l	**Mo**	10 mg/l
Na	1000 mg/l	**Ni**	10 mg/l
Sr	1000 mg/l	**Pb**	10 mg/l
Ag	10 mg/l	**Sb**	10 mg/l
Al	10 mg/l	**Se**	10 mg/l
As	10 mg/l	**Tl**	10 mg/l
Ba	10 mg/l	**V**	10 mg/l
Be	10 mg/l	**Zn**	10 mg/l
Cd	10 mg/l	**Th**	10 mg/l
Co	10 mg/l	**U**	10 mg/l

6020 Interference Check Solution A for ICP-MS systems - 12 components		**Reference:** 5188-6526.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3/tr HF			**Reference:** 5188-6526.L5 **Volume:** 500 ml **Matrix:** in 5 % HNO_3/tr HF		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Cl-	20 000 mg/l	**Na**	2 500 mg/l	**Mg**	1000 mg/l	**S**	1000 mg/l
Ca	3 000 mg/l	**C**	2 000 mg/l	**P**	1000 mg/l	**Mo**	20 mg/l
Fe	2 500 mg/l	**Al**	1000 mg/l	**K**	1000 mg/l	**Ti**	20 mg/l

6020 Interference Check Solution B for ICP/MS - 11 components		Reference: 5188-6527.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Co	20 mg/l	**As**	10 mg/l
Cr	20 mg/l	**Cd**	10 mg/l
Cu	20 mg/l	**Se**	10 mg/l
Mn	20 mg/l	**Zn**	10 mg/l
Ni	20 mg/l	**Ag**	5 mg/l
V	20 mg/l		

Internal standard mix for ICP-MS systems - 8 components		Reference: 5188-6525.L1 Volume: 100 ml Matrix: in 10 % HNO_3/tr HCl	
Element	**Concentration**	**Element**	**Concentration**
6Li	10 mg/l	**In**	10 mg/l
Sc	10 mg/l	**Tb**	10 mg/l
Ge	10 mg/l	**Lu**	10 mg/l
Rh	10 mg/l	**Bi**	10 mg/l

ICP-MS tuning solution - 6 components		Reference: 5190-0465.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Li	10 mg/l	**Ce**	10 mg/l
Mg	10 mg/l	**Tl**	10 mg/l
Y	10 mg/l	**Co**	10 mg/l

ICP-MS Stock Tuning Solution - 5 components		Reference: 5188-6564.L1 Volume: 100 ml Matrix: in 5 % HNO_3/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Li	10 mg/l	**Tl**	10 mg/l
Y	10 mg/l	**Co**	10 mg/l
Ce	10 mg/l		

ICP internal standard - 15 components		Reference: 6610030100.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: 6610030100.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	5 mg/l	**Co**	5 mg/l	**Mo**	5 mg/l	**Sr**	5 mg/l
As	5 mg/l	**Cr**	5 mg/l	**Ni**	5 mg/l	**Zn**	5 mg/l
Ba	5 mg/l	**Cu**	5 mg/l	**Pb**	5 mg/l	**K**	50 mg/l
Cd	5 mg/l	**Mn**	5 mg/l	**Se**	5 mg/l		

Tuning Solution - 9 elements		Reference: 190024400.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ba	10 mg/l	**Pb**	10 mg/l
Be	10 mg/l	**Mg**	10 mg/l
Ce	10 mg/l	**Tl**	10 mg/l
Co	10 mg/l	**Th**	10 mg/l
In	10 mg/l		

ICV-7 QC standard Initial/ continuing calibration verification standard - 22 components		Reference: 190064900.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	5000 mg/l	**Cu**	25 mg/l
Mg	5000 mg/l	**Zn**	20 mg/l
K	5000 mg/l	**Mn**	15 mg/l
Na	5000 mg/l	**As**	10 mg/l
Al	200 mg/l	**Cr**	10 mg/l
Ba	200 mg/l	**Ag**	10 mg/l
Fe	100 mg/l	**Tl**	10 mg/l
Sb	60 mg/l	**Be**	5 mg/l
Co	50 mg/l	**Cd**	5 mg/l
V	50 mg/l	**Pb**	5 mg/l
Ni	40 mg/l	**Se**	5 mg/l

QCSTD-27 Quality Control standard for environmental analyses		Reference: 8500-6940.L1 Volume: 100 ml Matrix: in 5 % HNO_3/tr. Hf	
Element	**Concentration**	**Element**	**Concentration**
Al	100 mg/l	**Mn**	100 mg/l
Sb	100 mg/l	**Mo**	100 mg/l
As	100 mg/l	**Ni**	100 mg/l
Ba	100 mg/l	**K**	100 mg/l
Be	100 mg/l	**Se**	100 mg/l
B	100 mg/l	**Si**	100 mg/l
Cd	100 mg/l	**Ag**	100 mg/l
Ca	100 mg/l	**Sr**	100 mg/l
Cr	100 mg/l	**Na**	100 mg/l
Co	100 mg/l	**Tl**	100 mg/l
Cu	100 mg/l	**Ti**	100 mg/l
Fe	100 mg/l	**V**	100 mg/l
Pb	100 mg/l	**Zn**	100 mg/l
Mg	100 mg/l		

ANALT-B Quality Control Standard - 12 components		Reference: 190065100.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Cd	100 mg/l	**Be**	50 mg/l
Ni	100 mg/l	**Co**	50 mg/l
Pb	100 mg/l	**Cr**	50 mg/l
Ag	100 mg/l	**Cu**	50 mg/l
Zn	100 mg/l	**Mn**	50 mg/l
Ba	50 mg/l	**V**	50 mg/l

INTF-A Quality Control standard - 4 components		Reference: 190064800.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	5000 mg/l	**Mg**	5000 mg/l
Ca	5000 mg/l	**Fe**	2000 mg/l

ICP-OES wavelength calibration solution concentrate - 15 components		Reference: 6610030000.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: 6610030000.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	50 mg/l	**Co**	50 mg/l	**Mo**	50 mg/l	**Sr**	50 mg/l
As	50 mg/l	**Cr**	50 mg/l	**Ni**	50 mg/l	**Zn**	50 mg/l
Ba	50 mg/l	**Cu**	50 mg/l	**Pb**	50 mg/l	**K**	500 mg/l
Cd	50 mg/l	**Mn**	50 mg/l	**Se**	50 mg/l		

ICP-OES wavelength calibration solution - 15 components		Reference: 6610030100.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: 6610030100.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	5 mg/l	**Co**	5 mg/l	**Mo**	5 mg/l	**Sr**	5 mg/l
As	5 mg/l	**Cr**	5 mg/l	**Ni**	5 mg/l	**Zn**	5 mg/l
Ba	5 mg/l	**Cu**	5 mg/l	**Pb**	5 mg/l	**K**	50 mg/l
Cd	5 mg/l	**Mn**	5 mg/l	**Se**	5 mg/l		

ICP-OES wavelength calibration solution - 6 components		Reference: 6610030400.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Bi	100 mg/l	**Sc**	100 mg/l
In	100 mg/l	**Tb**	100 mg/l
6Li	100 mg/l	**Y**	100 mg/l

Calibration mix 1 for AA and ICP-OES 4 components		Reference: 6610030500.L1 Volume: 100 ml Matrix: in 2 % HNO_3; 0.5 % HF	
Element	**Concentration**	**Element**	**Concentration**
Mo	100 mg/l	**Sn**	100 mg/l
Sb	100 mg/l	**Ti**	100 mg/l

Calibration mix 2 for AA and ICP-OES - 18 components		Reference: 6610030600.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ag	100 mg/l	Mn	100 mg/l
Al	100 mg/l	Ni	100 mg/l
As	100 mg/l	Pb	100 mg/l
Ba	100 mg/l	Se	100 mg/l
Be	100 mg/l	Th	100 mg/l
Cd	100 mg/l	Tl	100 mg/l
Co	100 mg/l	U	100 mg/l
Cr	100 mg/l	V	100 mg/l
Cu	100 mg/l	Zn	100 mg/l

Calibration mix majors		Reference: 6610030700.L1 Volume: 100 ml Matrix: in 5 % HNO_3		Reference: 6610030700.L5 Volume: 500 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ca	500 mg/l	K	500 mg/l	Na	500 mg/l
Fe	500 mg/l	Mg	500 mg/l		

PA Tuning Solution 1 - 26 components		Reference: 5188-6524-1.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
As	20 mg/l	In	5 mg/l
Be	20 mg/l	6Li	5 mg/l
Cd	20 mg/l	Lu	5 mg/l
Zn	20 mg/l	Mn	5 mg/l
Mg	10 mg/l	Na	5 mg/l
Ni	10 mg/l	Sc	5 mg/l
Pb	10 mg/l	Sr	5 mg/l
Al	5 mg/l	Th	5 mg/l
Ba	5 mg/l	Tl	5 mg/l
Bi	5 mg/l	U	5 mg/l
Co	5 mg/l	V	5 mg/l
Cr	5 mg/l	Y	2.5 mg/l
Cu	5 mg/l	Yb	2.5 mg/l

Multi-element calibration standard-4B - 12 components		Reference: 8500-6942.L1 Volume: 100 ml Matrix: in 2 % HNO_3/ tr. HF	
Element	**Concentration**	**Element**	**Concentration**
B	10 mg/l	S	10 mg/l
Ge	10 mg/l	Si	10 mg/l
Mo	10 mg/l	Ta	10 mg/l
Nb	10 mg/l	Ti	10 mg/l
P	10 mg/l	W	10 mg/l
Re	10 mg/l	Zr	10 mg/l

PA Tuning Solution 2 - 8 components		Reference: 5188-6524-2.L1 Volume: 100 ml Matrix: in 5 %HCl	
Element	**Concentration**	**Element**	**Concentration**
Ge	10 mg/l	Sb	10 mg/l
Mo	10 mg/l	Sn	10 mg/l
Pd	10 mg/l	Ir	5 mg/l
Ru	10 mg/l	Ti	5 mg/l

Multi-element calibration standard-1 - 17 components		Reference: 8500-6944.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ce	10 mg/l	Pr	10 mg/l
Dy	10 mg/l	Sc	10 mg/l
Er	10 mg/l	Sm	10 mg/l
Eu	10 mg/l	Tb	10 mg/l
Gd	10 mg/l	Th	10 mg/l
Ho	10 mg/l	Tm	10 mg/l
La	10 mg/l	Y	10 mg/l
Lu	10 mg/l	Yb	10 mg/l
Nd	10 mg/l		

Multi-element calibration standard-3 - 10 components		Reference: 8500-6948.L1 Volume: 100 ml Matrix: in 10 % HCl/1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sb	10 mg/l	**Pt**	10 mg/l
Au	10 mg/l	**Rh**	10 mg/l
Hf	10 mg/l	**Ru**	10 mg/l
Ir	10 mg/l	**Te**	10 mg/l
Pd	10 mg/l	**Sn**	10 mg/l

ICV-7 QC standard Initial/ continuing calibration verification standard - 26 components		Reference: 51834682.L1 Volume: 100 ml Matrix: in 10 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Cr**	10 mg/l
Fe	1000 mg/l	**Cu**	10 mg/l
K	1000 mg/l	**Mn**	10 mg/l
Mg	1000 mg/l	**Mo**	10 mg/l
Na	1000 mg/l	**Ni**	10 mg/l
Sr	1000 mg/l	**Pb**	10 mg/l
Ag	10 mg/l	**Sb**	10 mg/l
Al	10 mg/l	**Se**	10 mg/l
As	10 mg/l	**Tl**	10 mg/l
Ba	10 mg/l	**V**	10 mg/l
Be	10 mg/l	**Zn**	10 mg/l
Cd	10 mg/l	**Th**	10 mg/l
Co	10 mg/l	**U**	10 mg/l

ICP standard solution - 15 components		Reference: 8500-6944.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	5 mg/l	**Mn**	5 mg/l
As	5 mg/l	**Mo**	5 mg/l
Ba	5 mg/l	**Ni**	5 mg/l
Cd	5 mg/l	**Pb**	5 mg/l
Co	5 mg/l	**Se**	5 mg/l
Cr	5 mg/l	**Sr**	5 mg/l
Cu	5 mg/l	**Zn**	5 mg/l
K	5 mg/l		

Standards equivalent to Perkin Elmer

Mixed Calibration Standard - 10 components		Reference: N0691579.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: N0691579.L5 Volume: 500 ml Matrix: in 2 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
As	50 mg/l	**Li**	10 mg/l	**Sr**	10 mg/l	**Ba**	1 mg/l
K	50 mg/l	**Mn**	10 mg/l	**Zn**	10 mg/l	**Mg**	1 mg/l
La	10 mg/l	**Ni**	10 mg/l				

Mixed Calibration Standard 1 - 6 components		Reference: N9300200.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Pb	500 mg/l	**Zn**	150 mg/l
Se	200 mg/l	**Mn**	100 mg/l
Cd	150 mg/l	**Be**	50 mg/l

Mixed Calibration Standard 2 - 5 components		Reference: N9300201.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Fe	10 000 mg/l	**Cu**	100 mg/l
Ba	100 mg/l	**V**	100 mg/l
Co	100 mg/l		

Mixed Calibration Standard 3 - 3 components		Reference: N9300202.L1 Volume: 100 ml Matrix: in 2 % HNO_3/tr HF	
Element	**Concentration**	**Element**	**Concentration**
As	500 mg/l	**Si**	100 mg/l
Mo	100 mg/l		

Mixed Calibration Standard 4 - 6 components		Reference: N9300203.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Na**	200 mg/l
K	400 mg/l	**Cr**	20 mg/l
Al	200 mg/l	**Ni**	20 mg/l

Mixed Calibration Standard 5 - 5 components		Reference: N9300204.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tartaric acid/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Mg	1000 mg/l	**B**	100 mg/l
Sb	200 mg/l	**Ag**	50 mg/l
Tl	200 mg/l		

Wavelength Calibration Standard - 11 components		Reference: N0681470.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N0681470.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
P	100 mg/l	**As**	20 mg/l	**Mn**	20 mg/l	**Na**	20 mg/l
K	100 mg/l	**La**	20 mg/l	**Mo**	20 mg/l	**Sc**	20 mg/l
S	100 mg/l	**Li**	20 mg/l	**Ni**	20 mg/l		

Initial Calibration Verification Standard - 21 components		**Reference:** N9303953.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	500 mg/l	**Cu**	25 mg/l
Mg	500 mg/l	**Zn**	20 mg/l
K	500 mg/l	**Mn**	15 mg/l
Na	500 mg/l	**As**	10 mg/l
Ba	200 mg/l	**Cr**	10 mg/l
Al	200 mg/l	**Ag**	10 mg/l
Fe	100 mg/l	**Tl**	10 mg/l
Sb	60 mg/l	**Cd**	5 mg/l
Co	50 mg/l	**Se**	5 mg/l
V	50 mg/l	**Pb**	3 mg/l
Ni	40 mg/l		

Quality Control Standard, 21 components Pure (Pure XVI)		**Reference:** N9300281.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3/ tr. HF/ tr.Tart. Ac.	
Element	**Concentration**	**Element**	**Concentration**
As	100 mg/l	**Mo**	100 mg/l
Be	100 mg/l	**Ni**	100 mg/l
Ca	100 mg/l	**Pb**	100 mg/l
Cd	100 mg/l	**Sb**	100 mg/l
Co	100 mg/l	**Se**	100 mg/l
Cr	100 mg/l	**Sr**	100 mg/l
Cu	100 mg/l	**Ti**	100 mg/l
Fe	100 mg/l	**Tl**	100 mg/l
Li	100 mg/l	**V**	100 mg/l
Mg	100 mg/l	**Zn**	100 mg/l
Mn	100 mg/l		

Quality Control Standard - 7 components		**Reference:** N9300280.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3/ tr. HF	
Element	**Concentration**	**Element**	**Concentration**
K	1000 mg/l	**Ba**	100 mg/l
Si	500 mg/l	**Na**	100 mg/l
Al	100 mg/l	**Ag**	50 mg/l
B	100 mg/l		

Instrument Calibration Standard 1 - 4 components		**Reference:** N9300218.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3			**Reference:** N9300218.L5 **Volume:** 500 ml **Matrix:** in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ca	5000 mg/l	**K**	5000 mg/l	**Na**	5000 mg/l	**Mg**	5000 mg/l

Instrument Calibration Standard 2 - 5 components		**Reference:** N9300219.L1 **Volume:** 100 ml **Matrix:** in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ni	400 mg/l	**Ag**	100 mg/l
Zn	200 mg/l	**Cr**	100 mg/l
Mn	150 mg/l		

Instrument Calibration Standard 3 - 7 components		**Reference:** N9300220.L1 **Volume:** 100 ml **Matrix:** in 5 %HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	2000 mg/l	**V**	500 mg/l
Ba	2000 mg/l	**Cu**	250 mg/l
Fe	1000 mg/l	**Be**	50 mg/l
Co	500 mg/l		

Instrument Calibration Standard 4 - 5 components		Reference: N9300221.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
As	100 mg/l	**Se**	50 mg/l
Tl	100 mg/l	**Pb**	30 mg/l
Cd	50 mg/l		

Instrument Check Standard 1 - 17 components		Reference: N9303821.L1 Volume: 100 ml Matrix: in 2 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Ag	10 mg/l	**Mn**	10 mg/l
Al	10 mg/l	**Ni**	10 mg/l
As	10 mg/l	**Pb**	10 mg/l
Ba	10 mg/l	**Sb**	10 mg/l
Be	10 mg/l	**Se**	10 mg/l
Cd	10 mg/l	**Tl**	10 mg/l
Co	10 mg/l	**V**	10 mg/l
Cr	10 mg/l	**Zn**	10 mg/l
Cu	10 mg/l		

Instrument Check Standard 4 - 3 components		Reference: N9303823.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Mo	10 mg/l	**U**	10 mg/l
Th	10 mg/l		

Contract Required Detection Limits (CRDL) - 15 components		Reference: N9300225.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Sb	120 mg/l	**As**	20 mg/l
Co	100 mg/l	**Cr**	20 mg/l
V	100 mg/l	**Tl**	20 mg/l
Ni	80 mg/l	**Be**	10 mg/l
Cu	50 mg/l	**Cd**	10 mg/l
Zn	40 mg/l	**Se**	10 mg/l
Mn	30 mg/l	**Pb**	6 mg/l
Ag	20 mg/l		

Instrument Check Standard 3 - 5 components		Reference: N9303822.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	200 mg/l	**Mg**	200 mg/l
Fe	200 mg/l	**Na**	200 mg/l
K	200 mg/l		

Instrument Check Standard 5 - 4 components		Reference: N9303824.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Mo	10 mg/l	**Sr**	10 mg/l
Sn	10 mg/l	**Ti**	10 mg/l

Interference Check Standard - 5 components		Reference: N9300208.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	6000 mg/l	**Al**	1200 mg/l
Fe	5000 mg/l	**Na**	1000 mg/l
Mg	3000 mg/l		

Interference Check Standard 18 - 17 components		Reference: N9300205.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9300205.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
K	20000 mg/l	**Ag**	300 mg/l	**Cu**	300 mg/l	**Be**	100 mg/l
As	1000 mg/l	**Ba**	300 mg/l	**Ni**	300 mg/l	**Hg**	100 mg/l
Pb	1000 mg/l	**Cd**	300 mg/l	**V**	300 mg/l		
Tl	1000 mg/l	**Co**	300 mg/l	**Zn**	300 mg/l		
Se	500 mg/l	**Cr**	300 mg/l	**Mn**	200 mg/l		

Interferents A - 4 components		Reference: N9300226.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9300226.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	5000 mg/l	**Ca**	5000 mg/l	**Mg**	5000 mg/l	**Fe**	2000 mg/l

Alternate Interferents A - 6 components		Reference: N9300228.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9300228.L5 Volume: 500 ml Matrix: in 5 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Cr	1000 mg/l	**Mn**	1000 mg/l	**Ti**	1000 mg/l
Cu	1000 mg/l	**Ni**	1000 mg/l	**V**	1000 mg/l

Analytes B - 16 components		Reference: N9300228.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF			Reference: N9300228.L5 Volume: 500 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Cd	100 mg/l	**Ba**	50 mg/l	**Cu**	50 mg/l	**As**	10 mg/l
Ni	100 mg/l	**Be**	50 mg/l	**Mn**	50 mg/l	**Tl**	10 mg/l
Zn	100 mg/l	**Co**	50 mg/l	**V**	50 mg/l	**Pb**	5 mg/l
Sb	60 mg/l	**Cr**	50 mg/l	**Ag**	20 mg/l	**Se**	5 mg/l

Alternate Analytes B - 12 components		Reference: N9300229.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF			Reference: N9300229.L5 Volume: 500 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	100 mg/l	**Mo**	100 mg/l	**Se**	100 mg/l	**Fe**	10 mg/l
As	100 mg/l	**Na**	100 mg/l	**Tl**	100 mg/l	**Mg**	10 mg/l
B	100 mg/l	**Sb**	100 mg/l	**Ca**	10 mg/l	**Si**	10 mg/l

Interference Check Solution 1 - 12 components		Reference: N9303828.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF			Reference: N9303828.L5 Volume: 500 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Cl-	10000 mg/l	**Ca**	1000 mg/l	**Mg**	1000 mg/l	**S**	1000 mg/l
C	2000 mg/l	**Fe**	1000 mg/l	**Na**	1000 mg/l	**Mo**	20 mg/l
Al	1000 mg/l	**K**	1000 mg/l	**P**	1000 mg/l	**Ti**	20 mg/l

Interference Check Solution 2 - 9 components		Reference: N9303830.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: N9303830.L5 Volume: 500 ml Matrix: in 2 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ag	10 mg/l	**Co**	10 mg/l	**Mn**	10 mg/l
As	10 mg/l	**Cr**	10 mg/l	**Ni**	10 mg/l
Cd	10 mg/l	**Cu**	10 mg/l	**Zn**	10 mg/l

Analytes C - 17 components		Reference: N9303831.L1 Volume: 100 ml Matrix: in 2 %HNO_3/ tr Tart Ac/tr HF			Reference: N9303831.L5 Volume: 500 ml Matrix: in 2 %HNO_3/ tr Tart Ac/tr HF		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ag	2 mg/l	**Co**	2 mg/l	**Ni**	2 mg/l	**V**	2 mg/l
As	2 mg/l	**Cr**	2 mg/l	**Pb**	2 mg/l	**Zn**	2 mg/l
Ba	2 mg/l	**Cu**	2 mg/l	**Sb**	2 mg/l		
Be	2 mg/l	**Hg**	2 mg/l	**Se**	2 mg/l		
Cd	2 mg/l	**Mn**	2 mg/l	**Tl**	2 mg/l		

Universal Data Acquisition Standard 5: 12 components		Reference: N9300235.L1 Volume: 100 ml Matrix: in 2 % HNO_3/ tr. HF	
Element	**Concentration**	**Element**	**Concentration**
B	10 mg/l	**S**	10 mg/l
Ge	10 mg/l	**Si**	10 mg/l
Mo	10 mg/l	**Ta**	10 mg/l
Nb	10 mg/l	**Ti**	10 mg/l
P	10 mg/l	**W**	10 mg/l
Re	10 mg/l	**Zr**	10 mg/l

Vis Wavecal Solution - 8 components		Reference: N9302946.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: N9302946.L25 Volume: 250 ml Matrix: in 2 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ba	1 mg/l	**La**	10 mg/l	**Na**	10 mg/l
Ca	1 mg/l	**Li**	10 mg/l	**Sr**	10 mg/l
K	50 mg/l	**Mn**	10 mg/l		

UV Wavecal Solution - 11 components		Reference: N0681470.L25 Volume: 100 ml Matrix: in 5 % HCl	
Element	**Concentration**	**Element**	**Concentration**
P	100 mg/l	Sc	20 mg/l
S	100 mg/l	As	20 mg/l
K	100 mg/l	Na	20 mg/l
Mn	20 mg/l	La	20 mg/l
Mo	20 mg/l	Li	20 mg/l
Ni	20 mg/l		

UV Wavecal Solution - 12 components		Reference: N0582152.L5 Volume: 500 ml Matrix: in 5 % HCl	
Element	**Concentration**	**Element**	**Concentration**
P	100 mg/l	Sc	20 mg/l
S	100 mg/l	As	20 mg/l
K	100 mg/l	Na	20 mg/l
Mn	20 mg/l	La	20 mg/l
Mo	20 mg/l	Li	20 mg/l
Ni	20 mg/l	Ca	1 mg/l

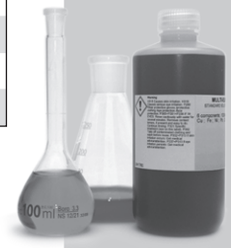
Low UV Standard - 3 components		Reference: N0691580.L1 Volume: 100 ml Matrix: in 2 % HNO_3		Reference: N0691580.L25 Volume: 500 ml Matrix: in 2 % HNO_3		Reference: N0691580.L5 Volume: 500 ml Matrix: in 2 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	
Al	10 mg/l	P	10 mg/l	S	10 mg/l	

Calcium Stray Light Standard		Reference: N0691581.L1 Volume: 100 ml Matrix: in H_2O
Element	**Concentration**	
Ca	10 000 mg/l	

Spike Sample Standard I (water) - 17 components		Reference: N9303839.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Fe	500 mg/l	V	100 mg/l
Ba	250 mg/l	As	50 mg/l
Zn	250 mg/l	Pb	50 mg/l
Co	100 mg/l	Ag	25 mg/l
Cr	100 mg/l	Be	25 mg/l
Cu	100 mg/l	Cd	25 mg/l
Mn	100 mg/l	Se	25 mg/l
Ni	100 mg/l	Tl	25 mg/l
Sb	100 mg/l		

Spike Sample Standard I - 18 components		Reference: N9300230.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Al	200 mg/l	Pb	50 mg/l
As	200 mg/l	Sb	50 mg/l
Ba	200 mg/l	V	50 mg/l
Se	200 mg/l	Zn	50 mg/l
Tl	200 mg/l	Cu	25 mg/l
Fe	200 mg/l	Cr	20 mg/l
Co	50 mg/l	Ag	5 mg/l
Mn	50 mg/l	Be	5 mg/l
Ni	50 mg/l	Cd	5 mg/l

Spike Sample Standard 2 (soil) - 15 components		Reference: N9303840.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Ba	250 mg/l	Sb	100 mg/l
Cr	250 mg/l	As	50 mg/l
Cu	250 mg/l	Cd	50 mg/l
Zn	250 mg/l	Ag	25 mg/l
V	150 mg/l	Be	25 mg/l
Ni	125 mg/l	Se	25 mg/l
Co	100 mg/l	Tl	25 mg/l
Pb	100 mg/l		



Spike Sample Standard 3 (for ILM 05.2) - 17 components		Reference: N9303841.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac/tr HF	
Element	**Concentration**	**Element**	**Concentration**
Al	200 mg/l	**Sb**	10 mg/l
Ba	200 mg/l	**Be**	5 mg/l
Co	50 mg/l	**Cd**	5 mg/l
Mn	50 mg/l	**Ag**	5 mg/l
Ni	50 mg/l	**Tl**	5 mg/l
V	50 mg/l	**As**	4 mg/l
Zn	50 mg/l	**Pb**	2 mg/l
Cu	25 mg/l	**Se**	1 mg/l
Cr	20 mg/l		

Multi-Element Solution - 4 components		Reference: N9307113.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9307113.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	1000 mg/l	**Ca**	1000 mg/l	**Fe**	1000 mg/l	**Mg**	1000 mg/l

Low UV Standard - 3 components		Reference: N9307114.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: N9307114.L5 Volume: 500 ml Matrix: in 2 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
K	1000 mg/l	**Na**	1000 mg/l	**P**	1000 mg/l

Multi-Element Solution - 5 components		Reference: N9307115.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9307115.L5 Volume: 500 ml Matrix: in 5 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Mo	1000 mg/l	**Sb**	1000 mg/l	**Zr**	1000 mg/l
Sn	1000 mg/l	**W**	1000 mg/l		

Multi-Element Solution - 17 components		Reference: N9307116.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9307116.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
As	1000 mg/l	**Co**	1000 mg/l	**Mn**	1000 mg/l	**Y**	1000 mg/l
Ba	1000 mg/l	**Cu**	1000 mg/l	**Ni**	1000 mg/l	**Zn**	1000 mg/l
Be	1000 mg/l	**La**	1000 mg/l	**Sc**	1000 mg/l		
Cr	1000 mg/l	**Pb**	1000 mg/l	**Sr**	1000 mg/l		
Cd	1000 mg/l	**Li**	1000 mg/l	**V**	1000 mg/l		

Perkin Elmer Pure 4 (Quality Control Standard 23)

Reference: N9303941.L1

Volume: 100 ml
Matrix: in 2 %HNO_3

Element	Concentration	Element	Concentration
Al	1000 mg/l	Pb	1000 mg/l
Ba	1000 mg/l	Li	1000 mg/l
Bi	1000 mg/l	Mg	1000 mg/l
B	1000 mg/l	Mn	1000 mg/l
Cd	1000 mg/l	Ni	1000 mg/l
Ca	1000 mg/l	K	1000 mg/l
Cr	1000 mg/l	Ag	1000 mg/l
Co	1000 mg/l	Na	1000 mg/l
Cu	1000 mg/l	Sr	1000 mg/l
Ga	1000 mg/l	Tl	1000 mg/l
In	1000 mg/l	Zn	1000 mg/l
Fe	1000 mg/l		

PerkinElmer Pure IX - 4 components

Reference: N9303943.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
As	100 mg/l	Pb	100 mg/l
Be	100 mg/l	Cd	100 mg/l

8 mg/L Mercury in 5% HNO_3

Reference: N9303954.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration
Hg	8 mg/l

PerkinElmer Pure XI

Reference: N9303945.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Zn	2500 mg/l	Cu	800 mg/l
Cr	900 mg/l	Ni	200 mg/l
Pb	900 mg/l	Cd	10 mg/l

5 mg/L Mercury in 5% HNO_3

Reference: N9303949.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration
Hg	5 mg/l

PerkinElmer Pure VIII - 24 components

Reference: N9303942.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Al	100 mg/l	Pb	100 mg/l
Ba	100 mg/l	Li	100 mg/l
Be	100 mg/l	Mg	100 mg/l
Bi	100 mg/l	Mn	100 mg/l
B	100 mg/l	Ni	100 mg/l
Cd	100 mg/l	K	100 mg/l
Ca	100 mg/l	Se	100 mg/l
Cr	100 mg/l	Na	100 mg/l
Co	100 mg/l	Sr	100 mg/l
Cu	100 mg/l	Te	100 mg/l
Ga	100 mg/l	Tl	100 mg/l
Fe	100 mg/l	Zn	100 mg/l

PerkinElmer Pure X

Reference: N9303944.L1

Volume: 100 ml
Matrix: in 2 % HNO_3

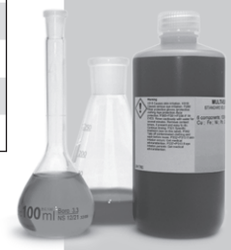
Element	Concentration	Element	Concentration
Ca	35 000 mg/l	Zn	50 mg/l
Mg	15 000 mg/l	Mn	30 mg/l
Na	8 000 mg/l	Co	25 mg/l
K	3 000 mg/l	Pb	25 mg/l
B	100 mg/l	Be	20 mg/l
Fe	100 mg/l	Cd	20 mg/l
Mo	100 mg/l	Cr	20 mg/l
Sr	100 mg/l	Cu	20 mg/l
As	50 mg/l	Bi	10 mg/l
Ba	50 mg/l	Se	10 mg/l
Ni	50 mg/l	Tl	10 mg/l
V	50 mg/l		

PerkinElmer Pure XIII - 14 components

Reference: N9303946.L1

Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Al	500 mg/l	Fe	100 mg/l
V	250 mg/l	Mn	100 mg/l
As	100 mg/l	Ni	100 mg/l
Be	100 mg/l	Pb	100 mg/l
Co	100 mg/l	Zn	100 mg/l
Cr	100 mg/l	Cd	25 mg/l
Cu	100 mg/l	Se	25 mg/l



PerkinElmer Pure XVII - 7 components		Reference: N9303948.L1 Volume: 100 ml Matrix: in 15 % HCl/ tr. HF	
Element	**Concentration**	**Element**	**Concentration**
Hf	100 mg/l	**Ta**	100 mg/l
Ir	100 mg/l	**Tl**	100 mg/l
Sb	100 mg/l	**Zr**	100 mg/l
Sn	100 mg/l		

PerkinElmer Pure VIII - 24 components		Reference: 109492.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	100 mg/l	**Pb**	100 mg/l
Ba	100 mg/l	**Li**	100 mg/l
Be	100 mg/l	**Mg**	100 mg/l
Bi	100 mg/l	**Mn**	100 mg/l
B	100 mg/l	**Ni**	100 mg/l
Cd	100 mg/l	**K**	100 mg/l
Ca	100 mg/l	**Se**	100 mg/l
Cr	100 mg/l	**Na**	100 mg/l
Co	100 mg/l	**Sr**	100 mg/l
Cu	100 mg/l	**Te**	100 mg/l
Ga	100 mg/l	**Tl**	100 mg/l
Fe	100 mg/l	**Zn**	100 mg/l

Instrument Calibration Standard 3 - 5 components		Reference: N9303818.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Mg**	1000 mg/l
Fe	1000 mg/l	**Na**	1000 mg/l
K	1000 mg/l		

Contract Lab Program Modification Standard - 12 components		Reference: N9303843.L1 Volume: 100 ml Matrix: in 2 % HNO_3/ 5 % HCl	
Element	**Concentration**	**Element**	**Concentration**
Ba	10 mg/l	**Mg**	10 mg/l
Be	10 mg/l	**Pb**	10 mg/l
Ce	10 mg/l	**Rh**	10 mg/l
Co	10 mg/l	**Tl**	10 mg/l
In	10 mg/l	**U**	10 mg/l
Li	10 mg/l	**Y**	10 mg/l

Instrument Calibration Standard 1 - 20 components		Reference: N9303816.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr. Tart. Ac.	
Element	**Concentration**	**Element**	**Concentration**
Ag	20 mg/l	**Mo**	20 mg/l
Al	20 mg/l	**Ni**	20 mg/l
As	20 mg/l	**Pb**	20 mg/l
Ba	20 mg/l	**Sb**	20 mg/l
Be	20 mg/l	**Se**	20 mg/l
Cd	20 mg/l	**Th**	20 mg/l
Co	20 mg/l	**Tl**	20 mg/l
Cr	20 mg/l	**U**	20 mg/l
Cu	20 mg/l	**V**	20 mg/l
Mn	20 mg/l	**Zn**	20 mg/l

Instrument Calibration Standard 2 - 26 components		Reference: N9301721.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr. Tart. Ac./ tr.HF	
Element	**Concentration**	**Element**	**Concentration**
Ag	100 mg/l	**Mn**	100 mg/l
Al	100 mg/l	**Mo**	100 mg/l
As	100 mg/l	**Na**	100 mg/l
Ba	100 mg/l	**Ni**	100 mg/l
Be	100 mg/l	**Pb**	100 mg/l
Ca	100 mg/l	**Sb**	100 mg/l
Cd	100 mg/l	**Se**	100 mg/l
Co	100 mg/l	**Sn**	100 mg/l
Cr	100 mg/l	**Sr**	100 mg/l
Cu	100 mg/l	**Ti**	100 mg/l
Fe	100 mg/l	**Tl**	100 mg/l
K	100 mg/l	**V**	100 mg/l
Mg	100 mg/l	**Zn**	100 mg/l

Contract Required Detection Limit - 22 components		Reference: N9303819.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	500 mg/l	**Cu**	2.5 mg/l
K	500 mg/l	**Zn**	2 mg/l
Mg	500 mg/l	**Mn**	1.5 mg/l
Na	500 mg/l	**Ag**	1 mg/l
Al	20 mg/l	**As**	1 mg/l
Ba	20 mg/l	**Cr**	1 mg/l
Fe	10 mg/l	**Tl**	1 mg/l
Sb	6 mg/l	**Be**	0.5 mg/l
Co	5 mg/l	**Cd**	0.5 mg/l
V	5 mg/l	**Se**	0.5 mg/l
Ni	4 mg/l	**Pb**	0.3 mg/l

Contract Lab Program Modification Standard - 26 components		Reference: N9301721MS.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr. HF/ tr. Tart. Ac.	
Element	**Concentration**	**Element**	**Concentration**
Ag	100 mg/l	Mn	100 mg/l
Al	100 mg/l	Mo	100 mg/l
As	100 mg/l	Na	100 mg/l
Ba	100 mg/l	Ni	100 mg/l
Be	100 mg/l	Pb	100 mg/l
Ca	100 mg/l	Sb	100 mg/l
Cd	100 mg/l	Se	100 mg/l
Co	100 mg/l	Sn	100 mg/l
Cr	100 mg/l	Sr	100 mg/l
Cu	100 mg/l	Ti	100 mg/l
Fe	100 mg/l	Tl	100 mg/l
K	100 mg/l	V	100 mg/l
Mg	100 mg/l	Zn	100 mg/l

Analytes B - 11 components		Reference: N9303829.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Cr	20 mg/l	As	10 mg/l
Co	20 mg/l	Cd	10 mg/l
Cu	20 mg/l	Se	10 mg/l
Mn	20 mg/l	Zn	10 mg/l
Ni	20 mg/l	Ag	5 mg/l
V	20 mg/l		

Memory Test 1 - 21 components		Reference: N9303835.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	1000 mg/l	Co	20 mg/l
Ca	1000 mg/l	Cr	20 mg/l
Fe	1000 mg/l	Cu	20 mg/l
K	1000 mg/l	Mn	20 mg/l
Mg	1000 mg/l	Ni	20 mg/l
Na	1000 mg/l	Pb	20 mg/l
Ag	20 mg/l	Se	20 mg/l
As	20 mg/l	Tl	20 mg/l
Ba	20 mg/l	V	20 mg/l
Be	20 mg/l	Zn	20 mg/l
Cd	20 mg/l		

Contract Lab Program Modification Standard - 1 component		Reference: N9300253.L1 Volume: 100 ml Matrix: in 5 % HNO_3
Element	**Concentration**	
Hg	10 mg/l	

Contract Lab Program Modification Standard - 12 components		Reference: N9303827.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr Tart Ac	
Element	**Concentration**	**Element**	**Concentration**
Cl-	21215 mg/l	Mg	1000 mg/l
Ca	3000 mg/l	P	1000 mg/l
Fe	2500 mg/l	K	1000 mg/l
Na	2500 mg/l	S	1000 mg/l
C	2000 mg/l	Mo	20 mg/l
Al	1000 mg/l	Ti	20 mg/l

Memory Test 2 - 7 components		Reference: N9303836.L1 Volume: 100 ml Matrix: in H_2O/tr. HF/tr. HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Cl-	7200 mg/l	Mo	20 mg/l
C	2000 mg/l	Sb	20 mg/l
P	1000 mg/l	Ti	20 mg/l
S	1000 mg/l		

Environmental EPA Standard - Mercury		Reference: N9300223.L1 Volume: 100 ml Matrix: in 5 % HNO_3
Element	**Concentration**	
Hg	100 mg/l	

Environmental EPA Standard - 6 components		Reference: N9300200.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Pb	500 mg/l	Zn	150 mg/l
Se	200 mg/l	Mn	100 mg/l
Cd	150 mg/l	Be	50 mg/l

TCLP Standard 1 - 8 components

Reference: N9300241.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Reference: N9300241.L5
Volume: 500 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration	Element	Concentration	Element	Concentration
Ba	500 mg/l	As	25 mg/l	Pb	25 mg/l	Cd	5 mg/l
Ag	25 mg/l	Cr	25 mg/l	Hg	100 mg/l	Se	5 mg/l

Selenium Solution

Reference: N8125039.L1
Volume: 100 ml
Matrix: in 5 % HNO_3

Reference: N8125039.L5
Volume: 500 ml
Matrix: in 5 % HNO_3

Element	Concentration
Se	10 mg/l

USP Elemental Impurities Solution 1 - 10 components

Reference: N9303957A.L1
Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Cu	2500 mg/kg	V	250 mg/kg
Mn	2500 mg/kg	As	15 mg/kg
Cr	250 mg/kg	Hg	15 mg/kg
Mo	250 mg/kg	Pb	10 mg/kg
Ni	250 mg/kg	Cd	5 mg/kg

USP Elemental Impurities Solution 2 - 6 components

Reference: N9303957B.L1
Volume: 100 ml
Matrix: in 15 % HCl

Element	Concentration	Element	Concentration
Pt	100 mg/l	Os	100 mg/l
Pd	100 mg/l	Ru	100 mg/l
Ir	100 mg/l	Rh	100 mg/l

Primary Drinking Water Metals - 8 components

Reference: N9300216.L1
Volume: 100 ml
Matrix: in 2 % HNO_3/ tr. HF

Element	Concentration	Element	Concentration
Ba	100 mg/l	Hg	10 mg/l
Ag	10 mg/l	Pb	10 mg/l
As	10 mg/l	Cd	5 mg/l
Cr	10 mg/l	Se	5 mg/l

Secondary Drinking Water Metals - 4 components

Reference: N9300217.L1
Volume: 100 ml
Matrix: in 2 % HNO_3/ tr. HF

Element	Concentration	Element	Concentration
Zn	500 mg/l	Fe	30 mg/l
Cu	100 mg/l	Mn	5 mg/l

Trace Metals III - 6 components

Reference: N9300213.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration
Ba	500 mg/l	Na	500 mg/l
Ca	500 mg/l	K	100 mg/l
Mo	500 mg/l	Mg	100 mg/l

Trace Metals I - 15 components

Reference: N9300211.L1
Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Al	500 mg/l	Mn	100 mg/l
V	250 mg/l	Ni	100 mg/l
As	100 mg/l	Pb	100 mg/l
Be	100 mg/l	Zn	100 mg/l
Co	100 mg/l	Cd	25 mg/l
Cr	100 mg/l	Se	25 mg/l
Cu	100 mg/l	Hg	10 mg/l
Fe	100 mg/l		

Trace Metals II - 3 components		Reference: N9300212.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sb	20 mg/l	**Ag**	10 mg/l
Tl	20 mg/l		

Alternate Metals I - 11 components		Reference: N9300214.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	20 mg/l	**Ni**	10 mg/l
Fe	20 mg/l	**Zn**	10 mg/l
V	20 mg/l	**Be**	5 mg/l
Co	10 mg/l	**Sb**	5 mg/l
Cu	10 mg/l	**Tl**	5 mg/l
Mn	10 mg/l		

Alternate Metals II - 4 components		Reference: N9300215.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: N9303952.L5 Volume: 500 ml Matrix: in 2 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ca	500 mg/l	**Na**	500 mg/l	**K**	100 mg/l	**Mg**	100 mg/l

Internal Standard Mix - 7 components		Reference: N9303832.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: N9303832.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Bi	10 mg/l	**In**	10 mg/l	**Sc**	10 mg/l	**Y**	10 mg/l
Ge	10 mg/l	**6Li**	10 mg/l	**Tb**	10 mg/l		

Universal Data Acquisition Standard 1 - 17 components		Reference: N9300232.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ce	10 mg/l	**Pr**	10 mg/l
Dy	10 mg/l	**Sc**	10 mg/l
Er	10 mg/l	**Sm**	10 mg/l
Eu	10 mg/l	**Tb**	10 mg/l
Gd	10 mg/l	**Th**	10 mg/l
Ho	10 mg/l	**Tm**	10 mg/l
La	10 mg/l	**Y**	10 mg/l
Lu	10 mg/l	**Yb**	10 mg/l
Nd	10 mg/l		

Universal Data Acquisition Standard 2 - 29 components		Reference: N9300233.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	10 mg/l	**Li**	10 mg/l
As	10 mg/l	**Mg**	10 mg/l
Ba	10 mg/l	**Mn**	10 mg/l
Be	10 mg/l	**Ni**	10 mg/l
Bi	10 mg/l	**K**	10 mg/l
Cd	10 mg/l	**Rb**	10 mg/l
Ca	10 mg/l	**Se**	10 mg/l
Cs	10 mg/l	**Ag**	10 mg/l
Cr	10 mg/l	**Na**	10 mg/l
Co	10 mg/l	**Sr**	10 mg/l
Cu	10 mg/l	**Ti**	10 mg/l
Ga	10 mg/l	**U**	10 mg/l
In	10 mg/l	**V**	10 mg/l
Fe	10 mg/l	**Zn**	10 mg/l
Pb	10 mg/l		

Universal Data Acquisition Standard 3 - 9 components		Reference: N9300234.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sb	10 mg/l	**Pt**	10 mg/l
Au	10 mg/l	**Rh**	10 mg/l
Hf	10 mg/l	**Ru**	10 mg/l
Ir	10 mg/l	**Te**	10 mg/l
Pd	10 mg/l		

Multi-Element Internal Standard - 7 components

Reference: N9303834.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration
Bi	10 mg/l	Sc	10 mg/l
Ho	10 mg/l	Tb	10 mg/l
In	10 mg/l	Y	10 mg/l
6Li	10 mg/l		

Multi-Element Solution 3 with Hg - 29 components

Reference: N9301720.L1
Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Al	10 mg/l	Li	10 mg/l
As	10 mg/l	Mg	10 mg/l
Ba	10 mg/l	Mn	10 mg/l
Be	10 mg/l	Ni	10 mg/l
Bi	10 mg/l	K	10 mg/l
Cd	10 mg/l	Rb	10 mg/l
Ca	10 mg/l	Se	10 mg/l
Cs	10 mg/l	Ag	10 mg/l
Cr	10 mg/l	Na	10 mg/l
Co	10 mg/l	Sr	10 mg/l
Cu	10 mg/l	Ti	10 mg/l
Ga	10 mg/l	U	10 mg/l
In	10 mg/l	V	10 mg/l
Fe	10 mg/l	Zn	10 mg/l
Pb	10 mg/l		

Initial Calibration Verification Standard 2 - 2 components

Reference: N9303826.L1
Volume: 100 ml
Matrix: in 2 % HNO_3/ tr. HF

Element	Concentration	Element	Concentration
Sn	10 mg/l	Ti	10 mg/l

Multi-Element Solution 1 - 9 components

Reference: N9300231.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration
Be	10 mg/l	Mg	10 mg/l
Bi	10 mg/l	Ni	10 mg/l
Ce	10 mg/l	Pb	10 mg/l
Co	10 mg/l	U	10 mg/l
In	10 mg/l		

Perkin Elmer Pure I - 19 components

Reference: N9303940.L1
Volume: 100 ml
Matrix: in 5 % HNO_3

Element	Concentration	Element	Concentration
Tl	400 mg/l	Co	20 mg/l
Bi	200 mg/l	Cu	20 mg/l
In	200 mg/l	Zn	20 mg/l
Pb	200 mg/l	B	15 mg/l
Ga	150 mg/l	Fe	15 mg/l
Al	100 mg/l	Ba	5 mg/l
Ni	50 mg/l	Mn	5 mg/l
Ag	50 mg/l	Be	1 mg/l
Cr	25 mg/l	Sr	1 mg/l
Cd	20 mg/l		

Initial Calibration Verification Standard 1 - 26 components

Reference: N9303825.L1
Volume: 100 ml
Matrix: in 5 % HNO_3/ tr. Tart. Ac.

Element	Concentration	Element	Concentration
Ca	1000 mg/l	Cr	10 mg/l
Fe	1000 mg/l	Cu	10 mg/l
K	1000 mg/l	Mn	10 mg/l
Mg	1000 mg/l	Mo	10 mg/l
Na	1000 mg/l	Ni	10 mg/l
Sr	1000 mg/l	Pb	10 mg/l
Ag	10 mg/l	Sb	10 mg/l
Al	10 mg/l	Se	10 mg/l
As	10 mg/l	Tl	10 mg/l
Ba	10 mg/l	V	10 mg/l
Be	10 mg/l	Zn	10 mg/l
Cd	10 mg/l	Th	10 mg/l
Co	10 mg/l	U	10 mg/l

Elan 6100 DRC Setup/ Stab/Masscal Solution - 12 components

Reference: N8125035.L1
Volume: 100 ml
Matrix: in 0.5 % HNO_3

Reference: N8125035.L5
Volume: 500 ml
Matrix: in 0.5 % HNO_3

Element	Concentration	Element	Concentration	Element	Concentration	Element	Concentration
Ba	10 ug/l	Ce	1 ug/l	In	1 ug/l	Mn	1 ug/l
Al	1 ug/l	Cr	1 ug/l	Pb	1 ug/l	Rh	1 ug/l
Cd	1 ug/l	Cu	1 ug/l	Mg	1 ug/l	Th	1 ug/l

Elan 9000/6100 Setup/ Stability/Masscal Solution - 9 components		Reference: N8125030.L1 Volume: 100 ml Matrix: in 1 % HNO_3		Reference: N8125030.1L Volume: 1000 ml Matrix: in 1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Mg	10 ug/l	**Cd**	10 ug/l	**Ce**	10 ug/l
Cu	10 ug/l	**In**	10 ug/l	**Pb**	10 ug/l
Rh	10 ug/l	**Ba**	10 ug/l	**U**	10 ug/l

Elan 9000/6X00 Dual-Detector Calibration Solution - 5 components		Reference: N8125032.L1 Volume: 100 ml Matrix: in 1 % HNO_3		Reference: N8125032.1L Volume: 1000 ml Matrix: in 1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Cd	200 ug/l	**Pb**	200 ug/l	**Rh**	200 ug/l
Cu	200 ug/l	**Mg**	200 ug/l		

Elan 6000/5000 Plasma Setup Solution - 11 components		Reference: N8122014.L1 Volume: 100 ml Matrix: in 1 % HNO_3		Reference: N8122014.L5 Volume: 500 ml Matrix: in 1 % HNO_3			
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ba	10 ug/l	**Cu**	10 ug/l	**Mg**	10 ug/l	**Tb**	10 ug/l
Cd	10 ug/l	**Ge**	10 ug/l	**Rh**	10 ug/l	**Tl**	10 ug/l
Ce	10 ug/l	**Pb**	10 ug/l	**Sc**	10 ug/l		

SmartTune Solution for Standard ELANs/ DRC-e - 9 components		Reference: N8125040.L1 Volume: 100 ml Matrix: in 1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Be	10 ug/l	**Ce**	10 ug/l
Mg	10 ug/l	**Ba**	10 ug/l
Co	10 ug/l	**Pb**	10 ug/l
In	10 ug/l	**U**	10 ug/l
Rh	10 ug/l		

SmartTune Solution for DRC/DRCplus/DRC II - 10 components		Reference: N8125041.L5 Volume: 500 ml Matrix: in 0.5 % HNO_3		Reference: N8125041.1L Volume: 1000 ml Matrix: in 0.5 % HNO_3			
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ba	10 ug/l	**Co**	1 ug/l	**Pb**	1 ug/l	**U**	1 ug/l
Be	1 ug/l	**In**	1 ug/l	**Mg**	1 ug/l		
Ce	1 ug/l	**Fe**	1 ug/l	**Th**	1 ug/l		

NexION Setup Solution - 8 components		Reference: N8145051.L1 Volume: 100 ml Matrix: in 2 % HNO_3/5 % HCl		Reference: N8145051.L5 Volume: 500 ml Matrix: in 2 % HNO_3/5 % HCl			
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Be	1 ug/l	**Fe**	1 ug/l	**Li**	1 ug/l	**Pb**	1 ug/l
Ce	1 ug/l	**In**	1 ug/l	**Mg**	1 ug/l	**U**	1 ug/l

NexION KED Setup Solution - 2 components

Reference: N8145052.L1
Volume: 100 ml
Matrix: in 1 % HCl

Reference: N8145052.L5
Volume: 500 ml
Matrix: in 1 % HCl

Element	Concentration	Element	Concentration
Co	10 ug/l	Ce	1 ug/l

NexION 300Q Non-cell Stability Solution - 4 components

Reference: N8145053.L5
Volume: 500 ml
Matrix: in 1 % HNO_3

Element	Concentration	Element	Concentration
Cd	1 ug/l	Mg	1 ug/l
Cu	1 ug/l	Pb	1 ug/l

NexION Standard/DRC Mode Detection Limit Blank Solution

Reference: N8145055.L1
Volume: 100 ml
Matrix: in 0.5 % HNO_3

NexION KED Mode Detection Limit Solution - 3 components

Reference: N8145058.L1
Volume: 500 ml
Matrix: in 1 % HCl

Element	Concentration	Element	Concentration
V	10 ug/l	Se	10 ug/l
As	10 ug/l		

NexION AFT Multi-Element Solution - 29 components

Reference: N8145061.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration
Ag	2 ug/l	K	2 ug/l
Al	2 ug/l	Li	2 ug/l
As	2 ug/l	Mg	2 ug/l
Ba	2 ug/l	Mn	2 ug/l
Be	2 ug/l	Na	2 ug/l
Bi	2 ug/l	Ni	2 ug/l
Ca	2 ug/l	Pb	2 ug/l
Cd	2 ug/l	Rb	2 ug/l
Cr	2 ug/l	Se	2 ug/l
Co	2 ug/l	Sr	2 ug/l
Cs	2 ug/l	Tl	2 ug/l
Cu	2 ug/l	U	2 ug/l
Fe	2 ug/l	V	2 ug/l
Ga	2 ug/l	Zn	2 ug/l
In	2 ug/l		

NexION 300X/D/S Cell Stability Solution - 9 components

Reference: N8145054.L5
Volume: 500 ml
Matrix: in 1 % HNO_3

Element	Concentration	Element	Concentration
Cd	1 ug/l	Pb	1 ug/l
Cr	1 ug/l	Co	10 ug/l
Fe	1 ug/l	Cu	10 ug/l
In	1 ug/l	Se	10 ug/l
Mg	1 ug/l		

NexION Standard/DRC Mode Detection Limit Solution - 6 components

Reference: N8145056.L1
Volume: 100 ml
Matrix: in 0.5 % HNO_3

Element	Concentration	Element	Concentration
Be	1 ug/l	Fe	1 ug/l
Ca	1 ug/l	In	1 ug/l
Co	1 ug/l	U	1 ug/l

NexION Dual Detector Solution - 13 components

Reference: N8145059.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration	Element	Concentration
Al	50 ug/l	Mn	50 ug/l
Ba	50 ug/l	Ni	50 ug/l
Ce	50 ug/l	Pb	50 ug/l
Co	50 ug/l	Tb	50 ug/l
In	50 ug/l	U	50 ug/l
Li	50 ug/l	Zn	50 ug/l
Mg	50 ug/l		

NexION AFT Single-Element Solution - 1 components

Reference: N8145060.L1
Volume: 100 ml
Matrix: in 2 % HNO_3

Element	Concentration
Fe	2 ug/l

NexION KED Mode Detection Limit Blank Solution

Reference: N8145057.L1
Volume: 100 ml
Matrix: in 1 % HCl

Environmental Standard - 2 components		Reference: N9307806.L1 Volume: 80 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	1000 mg/l	**Fe**	1000 mg/l

Environmental Standard - 3 components		Reference: N9307807.L1 Volume: 500 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
B	100 mg/l	**U**	100 mg/l
Th	100 mg/l		

Internal Standard Mix - 8 components		Reference: N9307808.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sc	50 mg/l	**6Li**	10 mg/l
Ge	20 mg/l	**Rh**	10 mg/l
In	10 mg/l	**Tb**	10 mg/l
Ir	10 mg/l	**Y**	10 mg/l

Internal Standard Mix - 6 components		Reference: N9307738.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sc	200 mg/l	**Ir**	10 mg/l
Ga	20 mg/l	**Rh**	10 mg/l
In	10 mg/l	**Tm**	10 mg/l

GF AAS Multi element standard XVIII - 16 components		Reference: N9300244.L1 Volume: 100 ml Matrix: in 5 % HNO_3/tr. HF	
Element	**Concentration**	**Element**	**Concentration**
Sb	100 mg/l	**Cu**	50 mg/l
Al	100 mg/l	**Ni**	50 mg/l
As	100 mg/l	**Cr**	20 mg/l
Pb	100 mg/l	**Fe**	20 mg/l
Se	100 mg/l	**Mn**	20 mg/l
Tl	100 mg/l	**Ag**	10 mg/l
Ba	50 mg/l	**Be**	5 mg/l
Co	50 mg/l	**Cd**	5 mg/l

AA Test Mix		Reference: 02900540.L1 Volume: 100 ml Matrix: in 2 % HCl	
Element	**Concentration**	**Element**	**Concentration**
Ca	50 mg/l	**Ni**	50 mg/l
Cr	50 mg/l	**K**	20 mg/l
Cu	50 mg/l	**Na**	10 mg/l
Fe	50 mg/l	**Zn**	10 mg/l

Environmental Standards - 4 components		Reference: N9307805.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	**Mg**	1002 mg/l
K	1001 mg/l	**Na**	1003 mg/l

Standards equivalent to Merck

Calibration Standard (I) - 19 components		Reference: 115474.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Tl	400 mg/l	Co	20 mg/l
Bi	200 mg/l	Cu	20 mg/l
In	200 mg/l	Zn	20 mg/l
Pb	200 mg/l	B	15 mg/l
Ga	150 mg/l	Fe	15 mg/l
Al	100 mg/l	Ba	5 mg/l
Ni	50 mg/l	Mn	5 mg/l
Ag	50 mg/l	Be	1 mg/l
Cr	25 mg/l	Sr	1 mg/l
Cd	20 mg/l		

Calibration Standard (IV) - 23 components		Reference: 111355.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	1000 mg/l	Pb	1000 mg/l
Ba	1000 mg/l	Li	1000 mg/l
Bi	1000 mg/l	Mg	1000 mg/l
B	1000 mg/l	Mn	1000 mg/l
Cd	1000 mg/l	Ni	1000 mg/l
Ca	1000 mg/l	K	1000 mg/l
Cr	1000 mg/l	Ag	1000 mg/l
Co	1000 mg/l	Na	1000 mg/l
Cu	1000 mg/l	Sr	1000 mg/l
Ga	1000 mg/l	Tl	1000 mg/l
In	1000 mg/l	Zn	1000 mg/l
Fe	1000 mg/l		

ICP multi-element standard IX - 9 components		Reference: 109494.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
As	100 mg/l	Hg	100 mg/l
Be	100 mg/l	Ni	100 mg/l
Cd	100 mg/l	Se	100 mg/l
Cr	100 mg/l	Tl	100 mg/l
Pb	100 mg/l		

ICP multi-element standard solution II - 3 components		Reference: 115708.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Li	250 mg/l	Na	1000 mg/l
K	10000 mg/l		

Calibration Standard Earth Alkali components (III) - 4 components		Reference: 115626.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ba	1000 mg/l	Mg	1000 mg/l
Ca	1000 mg/l	Sr	1000 mg/l

ICP multi-element standard solution VI - 30 components		Reference: 110580.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ca	1000 mg/l	K	10 mg/l
As	100 mg/l	Pb	10 mg/l
B	100 mg/l	Li	10 mg/l
Be	100 mg/l	Mg	10 mg/l
Fe	100 mg/l	Mn	10 mg/l
Se	100 mg/l	Mo	10 mg/l
Zn	100 mg/l	Ni	10 mg/l
Al	10 mg/l	Rb	10 mg/l
Ba	10 mg/l	Na	10 mg/l
Bi	10 mg/l	Ag	10 mg/l
Cd	10 mg/l	Sr	10 mg/l
Co	10 mg/l	Te	10 mg/l
Cr	10 mg/l	Tl	10 mg/l
Cu	10 mg/l	U	10 mg/l
Ga	10 mg/l	V	10 mg/l

Merck ICP Multi-element standard XI - 7 components		Reference: 109491.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Zn	2 500 mg/l	Ni	200 mg/l
Cr	900 mg/l	Cd	10 mg/l
Pb	900 mg/l	Hg	8 mg/l
Cu	800 mg/l		

Calibration Standard (VIII) - 24 components		Reference: 109492.L1 Volume: 100 ml Matrix: in 2 % HNO_3/tr.HCl	
Element	**Concentration**	**Element**	**Concentration**
Al	100 mg/l	**Pb**	100 mg/l
Ba	100 mg/l	**Li**	100 mg/l
Be	100 mg/l	**Mg**	100 mg/l
Bi	100 mg/l	**Mn**	100 mg/l
B	100 mg/l	**Ni**	100 mg/l
Cd	100 mg/l	**K**	100 mg/l
Ca	100 mg/l	**Se**	100 mg/l
Cr	100 mg/l	**Na**	100 mg/l
Co	100 mg/l	**Sr**	100 mg/l
Cu	100 mg/l	**Te**	100 mg/l
Ga	100 mg/l	**Tl**	100 mg/l
Fe	100 mg/l	**Zn**	100 mg/l

ICP multi-element standard solution X - 23 components		Reference: 109493.L1 Volume: 100 ml Matrix: in 5 % HNO_3/tr. HF	
Element	**Concentration**	**Element**	**Concentration**
Ca	35 000 mg/l	**Zn**	50 mg/l
Mg	15 000 mg/l	**Mn**	30 mg/l
Na	8 000 mg/l	**Co**	25 mg/l
K	3 000 mg/l	**Pb**	25 mg/l
B	100 mg/l	**Be**	20 mg/l
Fe	100 mg/l	**Cd**	20 mg/l
Mo	100 mg/l	**Cr**	20 mg/l
Sr	100 mg/l	**Cu**	20 mg/l
As	50 mg/l	**Bi**	10 mg/l
Ba	50 mg/l	**Se**	10 mg/l
Ni	50 mg/l	**Tl**	10 mg/l
V	50 mg/l		

ICP Multi-element standard Solution (XII) - 8 components		Reference: 109490.L1 Volume: 100 ml Matrix: in 5 % HCl	
Element	**Concentration**	**Element**	**Concentration**
As	1000 mg/l	**Si**	1000 mg/l
Mo	1000 mg/l	**W**	1000 mg/l
P	1000 mg/l	**V**	1000 mg/l
S	1000 mg/l	**Zr**	1000 mg/l

Calibration Standard Trace Metals (XIII) - 15 components		Reference: 109480.L1 Volume: 100 ml Matrix: in 5 % HNO_3/tr. HF	
Element	**Concentration**	**Element**	**Concentration**
Al	500 mg/l	**Pb**	100 mg/l
V	250 mg/l	**Mn**	100 mg/l
As	100 mg/l	**Ni**	100 mg/l
Be	100 mg/l	**Zn**	100 mg/l
Cr	100 mg/l	**Cd**	25 mg/l
Co	100 mg/l	**Se**	25 mg/l
Cu	100 mg/l	**Hg**	5 mg/l
Fe	100 mg/l		

Wavelength Calibration Standard (XIV) - 11 components		Reference: 109481.L1 Volume: 100 ml Matrix: in 2 % HCl/tr. HNO_3			Reference: 109481.L5 Volume: 500 ml Matrix: in 2 % HCl/tr. HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
P	100 mg/l	**As**	20 mg/l	**Mn**	20 mg/l	**Na**	20 mg/l
K	100 mg/l	**La**	20 mg/l	**Mo**	20 mg/l	**Sc**	20 mg/l
S	100 mg/l	**Li**	20 mg/l	**Ni**	20 mg/l		

ICP Multi-Element Standard Solution XV - 8 components		Reference: 109482.L1 Volume: 100 ml Matrix: in 2 % HNO_3			Reference: 109482.L5 Volume: 500 ml Matrix: in 2 % HNO_3
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ba	1 mg/l	**La**	10 mg/l	**Na**	10 mg/l
Ca	1 mg/l	**Li**	10 mg/l	**Sr**	10 mg/l
K	50 mg/l	**Mn**	10 mg/l		

Calibration Standard - Quality Control (XVI) - 21 components		Reference: 109487.L1 Volume: 100 ml Matrix: in 2 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sb	100 mg/l	**Mg**	100 mg/l
As	100 mg/l	**Mn**	100 mg/l
Be	100 mg/l	**Mo**	100 mg/l
Cd	100 mg/l	**Ni**	100 mg/l
Ca	100 mg/l	**Sr**	100 mg/l
Cr	100 mg/l	**Tl**	100 mg/l
Co	100 mg/l	**Ti**	100 mg/l
Cu	100 mg/l	**Se**	100 mg/l
Fe	100 mg/l	**V**	100 mg/l
Pb	100 mg/l	**Zn**	100 mg/l
Li	100 mg/l		

Wavelength Calibration Standard (V) - 26 components		Reference: 110714.L1 Volume: 100 ml Matrix: in 5 % HCl	
Element	**Concentration**	**Element**	**Concentration**
K	100 mg/l	**Cd**	2 mg/l
Al	20 mg/l	**Cr**	2 mg/l
As	20 mg/l	**Cu**	2 mg/l
Pb	20 mg/l	**Fe**	2 mg/l
Se	20 mg/l	**Li**	2 mg/l
Na	20 mg/l	**Ti**	2 mg/l
Te	20 mg/l	**Zn**	2 mg/l
Ca	10 mg/l	**Be**	1 mg/l
P	10 mg/l	**Mg**	1 mg/l
Hg	5 mg/l	**Mn**	1 mg/l
Ni	5 mg/l	**Sc**	1 mg/l
B	2 mg/l	**Sr**	1 mg/l
Ba	2 mg/l	**Y**	1 mg/l

ICP multi-element standard solution XVII - 7 components		Reference: 109495.L1 Volume: 100 ml Matrix: in 15 % HCl	
Element	**Concentration**	**Element**	**Concentration**
Sb	100 mg/l	**Sn**	100 mg/l
Hf	100 mg/l	**Ti**	100 mg/l
Ir	100 mg/l	**Zr**	100 mg/l
Ta	100 mg/l		

GF AAS Multi element standard XVIII - 16 components		Reference: 109500.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Sb	100 mg/l	**Cu**	50 mg/l
Al	100 mg/l	**Ni**	50 mg/l
As	100 mg/l	**Cr**	20 mg/l
Pb	100 mg/l	**Fe**	20 mg/l
Se	100 mg/l	**Mn**	20 mg/l
Tl	100 mg/l	**Ag**	10 mg/l
Ba	50 mg/l	**Be**	5 mg/l
Co	50 mg/l	**Cd**	5 mg/l

IC Multi-element standard VII - 9 components		Reference: 110322.L1 Volume: 100 ml Matrix: in 0.1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
NH_4^+	100 mg/l	**Mg^{2+}**	100 mg/l
Ba^{2+}	100 mg/l	**Mn^{2+}**	100 mg/l
Ca^{2+}	100 mg/l	**Na^+**	100 mg/l
K^+	100 mg/l	**Sr^{2+}**	100 mg/l
Li^+	100 mg/l		

Tuning Standard (XXIV) - 15 components		Reference: 109411.L1 Volume: 100 ml Matrix: in 1 % HNO_3			Reference: 109411.L5 Volume: 500 ml Matrix: in 1 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
K	500 mg/l	**Cd**	50 mg/l	**Pb**	50 mg/l	**Se**	50 mg/l
Al	50 mg/l	**Cr**	50 mg/l	**Mn**	50 mg/l	**Sr**	50 mg/l
As	50 mg/l	**Co**	50 mg/l	**Mo**	50 mg/l	**Zn**	50 mg/l
Ba	50 mg/l	**Cu**	50 mg/l	**Ni**	50 mg/l		

ICP-MS Detection Limit Standard (XIX) - 5 components		Reference: 109496.L1 Volume: 100 ml Matrix: in 1 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Be	10 µg/l	**Tl**	10 µg/l
Co	10 µg/l	**U**	10 µg/l
In	10 µg/l		

ICP-MS Optimization Standard (XXII) - 5 components		Reference: 109499.L1 Volume: 100 ml Matrix: in 2 % HNO_3/tr HCl	
Element	**Concentration**	**Element**	**Concentration**
Cd	200 ug/l	**Mg**	200 ug/l
Cu	200 ug/l	**Rh**	200 ug/l
Pb	200 ug/l		

ICP-MS Calibration Standard (XXI) - 29 components		Reference: 109498.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Al	10 mg/l	**Li**	10 mg/l
As	10 mg/l	**Mg**	10 mg/l
Ba	10 mg/l	**Mn**	10 mg/l
Be	10 mg/l	**Ni**	10 mg/l
Bi	10 mg/l	**K**	10 mg/l
Ca	10 mg/l	**Se**	10 mg/l
Cd	10 mg/l	**Ag**	10 mg/l
Co	10 mg/l	**Na**	10 mg/l
Cr	10 mg/l	**Rb**	10 mg/l
Cs	10 mg/l	**Sr**	10 mg/l
Cu	10 mg/l	**Tl**	10 mg/l
Fe	10 mg/l	**U**	10 mg/l
Ga	10 mg/l	**V**	10 mg/l
In	10 mg/l	**Zn**	10 mg/l
Pb	10 mg/l		

ICP multi-element standard solution XX - 11 components		Reference: 109497.L1 Volume: 100 ml Matrix: in 1 % HNO_3			Reference: 109497.L5 Volume: 500 ml Matrix: iin 1 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Mg	10 ug/l	**Pb**	10 ug/l	**Tl**	10 ug/l	**Tb**	10 ug/l
Cu	10 ug/l	**Sc**	10 ug/l	**Ce**	10 ug/l	**Ba**	10 ug/l
Cd	10 ug/l	**Rh**	10 ug/l	**Ge**	10 ug/l		

Mass Calibration Standard (XXIII)- 15 components		Reference: 109410.L1 Volume: 100 ml Matrix: in 5 % HNO_3 /tr HCl			Reference: 109411.L5 Volume: 500 ml Matrix: in 5 % HNO_3 /tr HCl		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ba	1 µg/l	**In**	1 µg/l	**K**	1 µg/l	**Tl**	1 µg/l
B	1 µg/l	**Fe**	1 µg/l	**Rh**	1 µg/l	**U**	1 µg/l
Co	1 µg/l	**Li**	1 µg/l	**Sc**	1 µg/l	**Y**	1 µg/l
Ga	1 µg/l	**Lu**	1 µg/l	**Na**	1 µg/l		

Standards equivalent to Jobin Yvon

Standard Quality Control for ICP Ultima family - 5 components		Reference: JYICP-QC1.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: JYICP-QC1.L5 Volume: 500 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	
K	1500 mg/l	**Al**	500 mg/l	**Cd**	100 mg/l	
Pb	1000 mg/l	**Mg**	500 mg/l			

Standard Quality Control for Chlorine		Reference: JYICP-QC2.L1 Volume: 100 ml Matrix: in H_2O		Reference: JYICP-QC2.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**				
Cl^-	10 000 mg/l				

Standard Quality Control for Testing ICP Activa Family - 5 components		Reference: JYICP-QCACT.L1 Volume: 100 ml Matrix: in 5 % HNO	
Element	**Concentration**	**Element**	**Concentration**
Al	100 mg/l	**Mg**	100 mg/l
Cd	100 mg/l	**Pb**	100 mg/l
K	100 mg/l		

Standard for Semi-quantitative Method - 7 components		Reference: JYICP-MIX7.L1 Volume: 100 ml Matrix: in 5 % HNO_3/ tr. HF	
Element	**Concentration**	**Element**	**Concentration**
K	1000 mg/l	**B**	100 mg/l
Ag	100 mg/l	**Na**	100 mg/l
Al	100 mg/l	**Si**	50 mg/l
Ba	100 mg/l		

Instrument Check Standard - 9 components		Reference: JYICP-MIX9.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: JYICP-MIX9.L5 Volume: 500 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	
Al	50 mg/l	**Cr**	50 mg/l	**P**	50 mg/l	
As	50 mg/l	**Cu**	50 mg/l	**K**	50 mg/l	
Co	50 mg/l	**Pb**	50 mg/l	**Na**	50 mg/l	

Instrument Check Standard - 3 components		Reference: JYICP-DIAG.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: JYICP-DIAG.L5 Volume: 500 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	
Ba	1000 mg/l	**Mg**	1000 mg/l	**Zn**	1000 mg/l	

Standard for determination of 4 main components		Reference: JYICP-MIXMAJ.L1 Volume: 100 ml Matrix: in 5 % HNO_3			Reference: JYICP-MIXMAJ.L5 Volume: 500 ml Matrix: in 5 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Ca	5000 mg/l	**K**	5000 mg/l	**Na**	5000 mg/l	**Mg**	5000 mg/l

Standard for Semi-quantitative Method - 21 components		Reference: JYICP-MIX21.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
As	100 mg/l	Mo	100 mg/l
Be	100 mg/l	Ni	100 mg/l
Ca	100 mg/l	Pb	100 mg/l
Cd	100 mg/l	Sb	100 mg/l
Co	100 mg/l	Se	100 mg/l
Cr	100 mg/l	Sr	100 mg/l
Cu	100 mg/l	Ti	100 mg/l
Fe	100 mg/l	Tl	100 mg/l
Li	100 mg/l	V	100 mg/l
Mg	100 mg/l	Zn	100 mg/l
Mn	100 mg/l		

Quality Control Standard - 7 components		Reference: JYICP-MIX7HSI.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
K	1000 mg/l	Ba	100 mg/l
Si	500 mg/l	Na	100 mg/l
Al	100 mg/l	Ag	50 mg/l
B	100 mg/l		

Standard for the Determination of traces of 5 heavy metals		Reference: JYICP-MIXHM.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
As	100 mg/l	Se	50 mg/l
Tl	100 mg/l	Pb	30 mg/l
Cd	50 mg/l		

Quality Control - 23 components		Reference: JYICP-MIX23.L1 Volume: 100 ml Matrix: in 10 % HNO_3			Reference: JYICP-MIX23.L5 Volume: 500 ml Matrix: in 10 % HNO_3		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Al	1000 mg/l	Cr	1000 mg/l	Pb	1000 mg/l	Ag	1000 mg/l
Ba	1000 mg/l	Co	1000 mg/l	Li	1000 mg/l	Na	1000 mg/l
Bi	1000 mg/l	Cu	1000 mg/l	Mg	1000 mg/l	Sr	1000 mg/l
B	1000 mg/l	Ga	1000 mg/l	Mn	1000 mg/l	Tl	1000 mg/l
Cd	1000 mg/l	In	1000 mg/l	Ni	1000 mg/l	Zn	1000 mg/l
Ca	1000 mg/l	Fe	1000 mg/l	K	1000 mg/l		

Standards equivalent to NIST

Trace metals in Water - 30 components		Reference: 1643.L1 Volume: 100 ml Matrix: in 5 % HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Ag	1 ug/l	Mg	8000 ug/l
Al	142 ug/l	Mn	39 ug/l
As	60 ug/l	Mo	121 ug/l
B	158 ug/l	Na	21000 ug/l
Ba	544 ug/l	Ni	62 ug/l
Be	14 ug/l	Pb	20 ug/l
Bi	14 ug/l	Rb	14 ug/l
Ca	32000 ug/l	Re	113 ug/l
Cd	7 ug/l	Sb	58 ug/l
Co	27 ug/l	Se	12 ug/l
Cr	20 ug/l	Sr	323 ug/l
Cu	23 ug/l	Te	1 ug/l
Fe	98 ug/l	Tl	7 ug/l
K	2000 ug/l	V	38 ug/l
Li	17 ug/l	Zn	79 ug/l

Mercury In Water		Reference: 1641d.L1 Volume: 100 ml Matrix: in 2 % HNO_3
Element	**Concentration**	
Hg	1.557 mg/kg	

Standards equivalent to Metrohm

Mixed Anions Standard - 7 components		Reference: REAIC1020.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	2 mg/l	Br-	10 mg/l
PO43-	10 mg/l	Cl-	5 mg/l
NO2-	5 mg/l	SO42-	10 mg/l
NO3-	10 mg/l		

Mixed Anions Standard - 7 components		Reference: REAIC1025.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	4 mg/l	Br-	8 mg/l
PO43-	4 mg/l	Cl-	100 mg/l
NO2-	8 mg/l	SO42-	100 mg/l
NO3-	8 mg/l		

Mixed Anions Standard - 7 components		Reference: REAIC1026.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	0.5 mg/l	Br-	1 mg/l
PO43-	0.5 mg/l	Cl-	12.5 mg/l
NO2-	1 mg/l	SO42-	12.5 mg/l
NO3-	1 mg/l		

Mixed Anions Standard - 7 components		Reference: REAIC1035.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	100 mg/l	Br-	100 mg/l
PO43-	100 mg/l	Cl-	100 mg/l
NO2-	100 mg/l	SO42-	100 mg/l
NO3-	100 mg/l		

Mixed Anions Standard - 7 components		Reference: REAIC1040.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	100 ug/l	Br-	100 ug/l
PO43-	100 ug/l	Cl-	100 ug/l
NO2-	100 ug/l	SO42-	100 ug/l
NO3-	100 ug/l		

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC105001.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	0.5 mg/l	SO42-	0.5 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC105002.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	1 mg/l	SO42-	1 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC10501.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	2 mg/l	SO42-	2 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC105004.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	2.5 mg/l	SO42-	2.5 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC105005.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	5 mg/l	SO42-	5 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		Reference: REAIC105006.L5 Volume: 500 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	10 mg/l	SO42-	10 mg/l

Metrohm Peak - chloride/sulfate standard - 2 components		**Reference:** REAIC10551.L5 **Volume:** 500 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Cl-	10 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10551.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	150 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10552.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	250 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10553.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	350 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10554.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	450 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10555.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	550 mg/l	**SO42-**	10 mg/l

Calibration H3PO4 & SO4		**Reference:** REAIC10556.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	650 mg/l	**SO42-**	10 mg/l

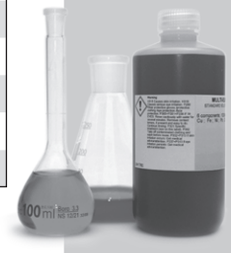
Calibration H3PO4 & SO4 Check Standard		**Reference:** REAIC1056.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
H3PO4	545 mg/l	**SO42-**	10 mg/l

Mixed Cations Standard - 6 components		**Reference:** REAIC1220.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Li+	1 mg/l	**K+**	10 mg/l
Na+	5 mg/l	**Ca 2+**	10 mg/l
NH4+	5 mg/l	**Mg 2+**	10 mg/l

Mixed Cations Standard - 6 components		**Reference:** REAIC1230.L1 **Volume:** 100 ml **Matrix:** in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Li+	100 mg/l	**K+**	100 mg/l
Na+	100 mg/l	**Ca 2+**	100 mg/l
NH4+	100 mg/l	**Mg 2+**	100 mg/l

Mixed Cations Standard - 5 components		**Reference:** REAIC1225.L1 **Volume:** 100 ml **Matrix:** in H_2O/tr. HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Cu 2+	1 mg/l	**Ni 2+**	1 mg/l
Fe 3+	1 mg/l	**Zn 2+**	1 mg/l
Mn 2+	1 mg/l		

Mixed Cations Standard - 11 components		**Reference:** REAIC1235.L1 **Volume:** 100 ml **Matrix:** in H_2O/tr. HNO_3	
Element	**Concentration**	**Element**	**Concentration**
Li+	0.1 mg/l	**Mn 2+**	0.1 mg/l
Na+	0.1 mg/l	**Cu 2+**	0.1 mg/l
NH4+	0.1 mg/l	**Fe 3+**	0.1 mg/l
K+	0.1 mg/l	**Ni 2+**	0.1 mg/l
Ca 2+	0.1 mg/l	**Zn 2+**	0.1 mg/l
Mg 2+	0.1 mg/l		



Standards equivalent to Dionex

Combined Seven Anion Standard		Reference: P/N056933.L05 Volume: 50 ml Matrix: in H_2O			Reference: P/N056933.L1 Volume: 100 ml Matrix: in H_2O		
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
F-	20 mg/l	**NO2-**	100 mg/l	**NO3-**	100 mg/l	**SO42-**	150 mg/l
Cl-	30 mg/l	**Br-**	100 mg/l	**PO43-**	150 mg/l		

Combined Seven Anion Standard II		Reference: P/N057590.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
F-	20 mg/l	**NO3-**	100 mg/l
Cl-	100 mg/l	**PO43-**	200 mg/l
NO2-	100 mg/l	**SO42-**	100 mg/l
Br-	100 mg/l		

Combined Five Anion Standard		Reference: P/N037157.L1 Volume: 100 ml Matrix: in H_2O/tr. HNO_3	
Element	**Concentration**	**Element**	**Concentration**
F-	20 mg/l	**PO43-**	150 mg/l
Cl-	30 mg/l	**SO42-**	150 mg/l
NO3-	100 mg/l		

Combined Six Cation Standard-I		Reference: P/N040187.L05 Volume: 50 ml Matrix: in H_2O		Reference: P/N040187.L1 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**	**Element**	**Concentration**
Li+	50 mg/l	**NH4+**	400 mg/l	**Mg 2+**	200 mg/l
Na+	200 mg/l	**K+**	200 mg/l	**Ca 2+**	1000 mg/l

Combined Six Cation Standard-II		Reference: P/N046070.L05 Volume: 100 ml Matrix: in H_2O	
Element	**Concentration**	**Element**	**Concentration**
Li+	50 mg/l	**K+**	500 mg/l
Na+	200 mg/l	**Mg 2+**	250 mg/l
NH4+	250 mg/l	**Ca 2+**	500 mg/l