

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q1730
contract: NOBI03 **lab code:** CHEM **case no.:** Q1730 **sas no.:** Q1730
matrix: Water **sample id:** Q1730-20 **client id:** OU4-CF-15-040325MS
Percent Solids for Sample: NA **Spiked ID:** Q1730-20MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	491	D	10.0	UD	500	98		P
Arsenic	ug/L	84 - 116	1.75	JD	1.85	JD	500	0	N	P
Barium	ug/L	86 - 114	2330	D	118	D	2500	88		P
Beryllium	ug/L	83 - 121	486	D	5.00	UD	500	97		P
Cadmium	ug/L	87 - 115	473	D	5.00	UD	500	94		P
Chromium	ug/L	85 - 116	495	D	10.0	UD	500	99		P
Copper	ug/L	85 - 118	5360	D	49.0	D	5000	106		P
Lead	ug/L	88 - 115	2440	D	5.00	UD	2500	98		P
Nickel	ug/L	85 - 117	557	D	73.3	D	500	97		P
Mercury	ug/L	82 - 119	4.02		0.20	U	4.0	100		CV
Selenium	ug/L	80 - 120	488	D	50.0	UD	500	97		P
Silver	ug/L	85 - 116	79.9	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	476	D	5.00	UD	500	95		P
Vanadium	ug/L	86 - 115	532	D	15.0	JD	500	103		P
Zinc	ug/L	83 - 119	5930	D	811	D	5000	102		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Nobis Group **level:** low **sdg no.:** Q1730
contract: NOBI03 **lab code:** CHEM **case no.:** Q1730 **sas no.:** Q1730
matrix: Water **sample id:** Q1730-20 **client id:** OU4-CF-15-040325MSD
Percent Solids for Sample: NA **Spiked ID:** Q1730-20MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	ug/L	85 - 117	498	D	10.0	UD	500	99		P
Arsenic	ug/L	84 - 116	1.90	JD	1.85	JD	500	0	N	P
Barium	ug/L	86 - 114	2390	D	118	D	2500	91		P
Beryllium	ug/L	83 - 121	495	D	5.00	UD	500	99		P
Cadmium	ug/L	87 - 115	487	D	5.00	UD	500	97		P
Chromium	ug/L	85 - 116	491	D	10.0	UD	500	98		P
Copper	ug/L	85 - 118	5340	D	49.0	D	5000	106		P
Lead	ug/L	88 - 115	2440	D	5.00	UD	2500	98		P
Nickel	ug/L	85 - 117	558	D	73.3	D	500	97		P
Mercury	ug/L	82 - 119	3.94		0.20	U	4.0	98		CV
Selenium	ug/L	80 - 120	502	D	50.0	UD	500	100		P
Silver	ug/L	85 - 116	82.3	D	5.00	UD	500	16	N	P
Thallium	ug/L	82 - 116	482	D	5.00	UD	500	96		P
Vanadium	ug/L	86 - 115	528	D	15.0	JD	500	103		P
Zinc	ug/L	83 - 119	5860	D	811	D	5000	101		P