

metals
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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P5375
contract: TETR06 **lab code:** CHEM **case no.:** P5375 **sas no.:** P5375
matrix: Water **sample id:** P5375-01 **client id:** TT-RW10A-IDWGW-20241219MS
Percent Solids for Sample: NA **Spiked ID:** P5375-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	2490		1470		1000	101		P
Antimony	ug/L	88 - 113	426		25.0	U	400	106		P
Arsenic	ug/L	87 - 113	422		10.0	U	400	106		P
Barium	ug/L	88 - 113	133		14.4	J	100	119	N	P
Beryllium	ug/L	89 - 112	77.7		3.00	U	100	78	N	P
Cadmium	ug/L	88 - 113	81.5		0.13	J	100	81	N	P
Calcium	ug/L	87 - 113	7800		7580		500	43		P
Chromium	ug/L	90 - 113	188		27.3		200	80	N	P
Cobalt	ug/L	89 - 114	110		19.7		100	90		P
Copper	ug/L	86 - 114	187		39.5		150	99		P
Iron	ug/L	87 - 115	3700		2450		1500	83	N	P
Lead	ug/L	86 - 113	432		6.00	U	500	86		P
Magnesium	ug/L	85 - 113	4280		3480		1000	80	N	P
Manganese	ug/L	90 - 114	188		109		100	79	N	P
Mercury	ug/L	82 - 119	3.77		0.20	U	4.0	94		CV
Nickel	ug/L	88 - 113	250		37.5		250	85	N	P
Potassium	ug/L	86 - 114	8490		2940		5000	111		P
Selenium	ug/L	83 - 114	1020		10.0	U	1000	102		P
Silver	ug/L	84 - 115	36.6		1.87	J	37.5	93		P
Sodium	ug/L	87 - 115	52300		50300		1500	130		P
Thallium	ug/L	85 - 114	950		20.0	U	1000	95		P
Vanadium	ug/L	90 - 111	136		20.0	U	150	91		P
Zinc	ug/L	87 - 115	179		79.1		100	100		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P5375
contract: TETR06 **lab code:** CHEM **case no.:** P5375 **sas no.:** P5375
matrix: Water **sample id:** P5375-01 **client id:** TT-RW10A-IDWGW-20241219MSD
Percent Solids for Sample: NA **Spiked ID:** P5375-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	86 - 115	2480		1470		1000	101		P
Antimony	ug/L	88 - 113	429		25.0	U	400	107		P
Arsenic	ug/L	87 - 113	424		10.0	U	400	106		P
Barium	ug/L	88 - 113	131		14.4	J	100	117	N	P
Beryllium	ug/L	89 - 112	76.9		3.00	U	100	77	N	P
Cadmium	ug/L	88 - 113	81.5		0.13	J	100	81	N	P
Calcium	ug/L	87 - 113	7710		7580		500	26		P
Chromium	ug/L	90 - 113	188		27.3		200	80	N	P
Cobalt	ug/L	89 - 114	110		19.7		100	90		P
Copper	ug/L	86 - 114	188		39.5		150	99		P
Iron	ug/L	87 - 115	3700		2450		1500	83	N	P
Lead	ug/L	86 - 113	432		6.00	U	500	86		P
Magnesium	ug/L	85 - 113	4250		3480		1000	76	N	P
Manganese	ug/L	90 - 114	187		109		100	78	N	P
Mercury	ug/L	82 - 119	3.79		0.20	U	4.0	95		CV
Nickel	ug/L	88 - 113	250		37.5		250	85	N	P
Potassium	ug/L	86 - 114	8440		2940		5000	110		P
Selenium	ug/L	83 - 114	1030		10.0	U	1000	103		P
Silver	ug/L	84 - 115	36.3		1.87	J	37.5	92		P
Sodium	ug/L	87 - 115	52500		50300		1500	143		P
Thallium	ug/L	85 - 114	928		20.0	U	1000	93		P
Vanadium	ug/L	90 - 111	135		20.0	U	150	90		P
Zinc	ug/L	87 - 115	179		79.1		100	100		P