

metals
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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4549
contract: TETR06 **lab code:** CHEM **case no.:** P4549 **sas no.:** P4549
matrix: Water **sample id:** P4549-02 **client id:** TT-067-IDWGW-20241024MS
Percent Solids for Sample: NA **Spiked ID:** P4549-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	4.10		0.20	U	4.0	102		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4549
contract: TETR06 **lab code:** CHEM **case no.:** P4549 **sas no.:** P4549
matrix: Water **sample id:** P4549-02 **client id:** TT-067-IDWGW-20241024MSD
Percent Solids for Sample: NA **Spiked ID:** P4549-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.71		0.20	U	4.0	93		CV

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MATRIX SPIKE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4549
contract: TETR06 **lab code:** CHEM **case no.:** P4549 **sas no.:** P4549
matrix: Water **sample id:** P4549-04 **client id:** TT-069-IDWGW-20241024MS
Percent Solids for Sample: NA **Spiked ID:** P4549-04MS **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	19900		13000		1000	692		P
Antimony	ug/L	88 - 113	117		25.0	U	400	29	N	P
Arsenic	ug/L	87 - 113	343		10.0	U	400	86	N	P
Barium	ug/L	88 - 113	185		96.5		100	88		P
Beryllium	ug/L	89 - 112	85.6		1.11	J	100	85	N	P
Cadmium	ug/L	88 - 113	86.9		0.50	J	100	86	N	P
Calcium	ug/L	87 - 113	9530		9080		500	89		P
Chromium	ug/L	90 - 113	199		15.1		200	92		P
Cobalt	ug/L	89 - 114	98.6		5.18	J	100	93		P
Copper	ug/L	86 - 114	146		11.2		150	90		P
Iron	ug/L	87 - 115	9820		7460		1500	158		P
Lead	ug/L	86 - 113	428		16.3		500	82	N	P
Magnesium	ug/L	85 - 113	4690		3380		1000	131	N	P
Manganese	ug/L	90 - 114	279		192		100	87	N	P
Nickel	ug/L	88 - 113	242		9.45	J	250	93		P
Potassium	ug/L	86 - 114	5960		1480		5000	90		P
Selenium	ug/L	83 - 114	824		10.0	U	1000	82	N	P
Silver	ug/L	84 - 115	30.3		5.00	U	37.5	81	N	P
Sodium	ug/L	87 - 115	44500		43600		1500	58		P
Thallium	ug/L	85 - 114	777		20.0	U	1000	78	N	P
Vanadium	ug/L	90 - 111	145		13.5	J	150	88	N	P
Zinc	ug/L	87 - 115	130		35.7		100	95		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech NUS, Inc. **level:** low **sdg no.:** P4549
contract: TETR06 **lab code:** CHEM **case no.:** P4549 **sas no.:** P4549
matrix: Water **sample id:** P4549-04 **client id:** TT-069-IDWGW-20241024MSD
Percent Solids for Sample: NA **Spiked ID:** P4549-04MSD **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	19800		13000		1000	685		P
Antimony	ug/L	88 - 113	116		25.0	U	400	29	N	P
Arsenic	ug/L	87 - 113	342		10.0	U	400	86	N	P
Barium	ug/L	88 - 113	184		96.5		100	88		P
Beryllium	ug/L	89 - 112	86.6		1.11	J	100	85	N	P
Cadmium	ug/L	88 - 113	86.6		0.50	J	100	86	N	P
Calcium	ug/L	87 - 113	9550		9080		500	93		P
Chromium	ug/L	90 - 113	204		15.1		200	94		P
Cobalt	ug/L	89 - 114	98.6		5.18	J	100	93		P
Copper	ug/L	86 - 114	145		11.2		150	90		P
Iron	ug/L	87 - 115	10000		7460		1500	170		P
Lead	ug/L	86 - 113	428		16.3		500	82	N	P
Magnesium	ug/L	85 - 113	4730		3380		1000	135	N	P
Manganese	ug/L	90 - 114	280		192		100	88	N	P
Nickel	ug/L	88 - 113	241		9.45	J	250	93		P
Potassium	ug/L	86 - 114	6060		1480		5000	92		P
Selenium	ug/L	83 - 114	821		10.0	U	1000	82	N	P
Silver	ug/L	84 - 115	30.8		5.00	U	37.5	82	N	P
Sodium	ug/L	87 - 115	45200		43600		1500	103		P
Thallium	ug/L	85 - 114	735		20.0	U	1000	74	N	P
Vanadium	ug/L	90 - 111	145		13.5	J	150	88	N	P
Zinc	ug/L	87 - 115	131		35.7		100	95		P