

metals
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MATRIX SPIKE SUMMARY

client: Tetra Tech **level:** low **sdg no.:** P4860
contract: CORN02 **lab code:** CHEM **case no.:** P4860 **sas no.:** P4860
matrix: Solid **sample id:** P4860-01 **client id:** DUP-01MS
Percent Solids for Sample: 96.8 **Spiked ID:** P4860-01MS **Percent Solids for Spike Sample:** 96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.25		0.013	U	0.27	93		CV

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MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>Tetra Tech</u>	level:	<u>low</u>	sdg no.:	<u>P4860</u>	
contract:	<u>CORN02</u>	lab code:	<u>CHEM</u>	case no.:	<u>P4860</u>	sas no.: <u>P4860</u>
matrix:	<u>Solid</u>	sample id:	<u>P4860-01</u>	client id:	<u>DUP-01MSD</u>	
Percent Solids for Sample:	96.8	Spiked ID:	<u>P4860-01MSD</u>	Percent Solids for Spike Sample:	96.8	

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.26		0.013	U	0.27	95		CV

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MATRIX SPIKE SUMMARY

client: Tetra Tech **level:** low **sdg no.:** P4860
contract: CORN02 **lab code:** CHEM **case no.:** P4860 **sas no.:** P4860
matrix: Solid **sample id:** P4889-05 **client id:** #72-11930MS
Percent Solids for Sample: 93.4 **Spiked ID:** P4889-05MS **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6620		5730		93.5	950		P
Antimony	mg/Kg	75 - 125	19.3		2.39	U	37.4	52	N	P
Arsenic	mg/Kg	75 - 125	31.9		2.76		37.4	78		P
Barium	mg/Kg	75 - 125	47.6		38.5		9.4	97		P
Beryllium	mg/Kg	75 - 125	7.87		0.46		9.4	79		P
Cadmium	mg/Kg	75 - 125	9.09		0.68		9.4	89		P
Calcium	mg/Kg	75 - 125	1160		1040		46.8	253		P
Chromium	mg/Kg	75 - 125	25.9		9.39		18.7	88		P
Cobalt	mg/Kg	75 - 125	13.0		4.00		9.4	96		P
Copper	mg/Kg	75 - 125	27.0		17.5		14.0	68	N	P
Iron	mg/Kg	75 - 125	7810		6970		140	604		P
Lead	mg/Kg	75 - 125	99.2		56.5		46.8	91		P
Magnesium	mg/Kg	75 - 125	1580		1350		93.5	250		P
Manganese	mg/Kg	75 - 125	192		167		9.4	264		P
Nickel	mg/Kg	75 - 125	30.3		8.65		23.4	93		P
Potassium	mg/Kg	75 - 125	936		516		470	89		P
Selenium	mg/Kg	75 - 125	67.5		0.41	J	93.5	72	N	P
Silver	mg/Kg	75 - 125	2.96		0.12	J	3.5	81		P
Sodium	mg/Kg	75 - 125	273		155		140	84		P
Thallium	mg/Kg	75 - 125	79.1		1.91	U	93.5	85		P
Vanadium	mg/Kg	75 - 125	25.4		13.1		14.0	88		P
Zinc	mg/Kg	75 - 125	75.4		63.1		9.4	131		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: Tetra Tech **level:** low **sdg no.:** P4860
contract: CORN02 **lab code:** CHEM **case no.:** P4860 **sas no.:** P4860
matrix: Solid **sample id:** P4889-05 **client id:** #72-11930MSD
Percent Solids for Sample: 93.4 **Spiked ID:** P4889-05MSD **Percent Solids for Spike Sample:** 93.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	6510		5730		92.3	845		P
Antimony	mg/Kg	75 - 125	19.1		2.39	U	36.9	52	N	P
Arsenic	mg/Kg	75 - 125	31.4		2.76		36.9	78		P
Barium	mg/Kg	75 - 125	47.4		38.5		9.2	96		P
Beryllium	mg/Kg	75 - 125	7.81		0.46		9.2	80		P
Cadmium	mg/Kg	75 - 125	8.99		0.68		9.2	90		P
Calcium	mg/Kg	75 - 125	1130		1040		46.1	180		P
Chromium	mg/Kg	75 - 125	25.8		9.39		18.5	89		P
Cobalt	mg/Kg	75 - 125	12.9		4.00		9.2	96		P
Copper	mg/Kg	75 - 125	26.7		17.5		13.8	67	N	P
Iron	mg/Kg	75 - 125	7720		6970		140	537		P
Lead	mg/Kg	75 - 125	98.3		56.5		46.1	91		P
Magnesium	mg/Kg	75 - 125	1560		1350		92.3	231		P
Manganese	mg/Kg	75 - 125	189		167		9.2	243		P
Nickel	mg/Kg	75 - 125	30.0		8.65		23.1	93		P
Potassium	mg/Kg	75 - 125	924		516		460	89		P
Selenium	mg/Kg	75 - 125	66.6		0.41	J	92.3	72	N	P
Silver	mg/Kg	75 - 125	2.93		0.12	J	3.5	80		P
Sodium	mg/Kg	75 - 125	268		155		140	80		P
Thallium	mg/Kg	75 - 125	80.0		1.91	U	92.3	87		P
Vanadium	mg/Kg	75 - 125	25.1		13.1		13.8	88		P
Zinc	mg/Kg	75 - 125	73.5		63.1		9.2	113		P