

metals
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MATRIX SPIKE SUMMARY

client: ENTACT **level:** low **sdg no.:** P4103
contract: ENTA05 **lab code:** CHEM **case no.:** P4103 **sas no.:** P4103
matrix: Water **sample id:** P4123-01 **client id:** 910-BMS
Percent Solids for Sample: NA **Spiked ID:** P4123-01MS **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	75 - 125	13400		3810		10000	96		P
Arsenic	ug/L	75 - 125	3620		100	U	4000	90		P
Barium	ug/L	75 - 125	3530		2510		1000	101		P
Beryllium	ug/L	75 - 125	881		1.85	J	1000	88		P
Cadmium	ug/L	75 - 125	889		1.26	J	1000	89		P
Chromium	ug/L	75 - 125	1930		7.51	J	2000	96		P
Copper	ug/L	75 - 125	1530		106		1500	95		P
Iron	ug/L	75 - 125	16700		2250		15000	96		P
Lead	ug/L	75 - 125	4390		60.0	U	5000	88		P
Mercury	ug/L	75 - 125	41.1		2.00	U	40.0	103		CV
Nickel	ug/L	75 - 125	2430		26.2	J	2500	96		P
Selenium	ug/L	75 - 125	9010		100	U	10000	90		P
Silver	ug/L	75 - 125	380		50.0	U	380	100		P
Zinc	ug/L	75 - 125	2970		1930		1000	104		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: ENTACT **level:** low **sdg no.:** P4103
contract: ENTA05 **lab code:** CHEM **case no.:** P4103 **sas no.:** P4103
matrix: Water **sample id:** P4123-01 **client id:** 910-BMSD
Percent Solids for Sample: NA **Spiked ID:** P4123-01MSD **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	75 - 125	13300		3810		10000	94		P
Arsenic	ug/L	75 - 125	3490		100	U	4000	87		P
Barium	ug/L	75 - 125	3510		2510		1000	99		P
Beryllium	ug/L	75 - 125	1050		1.85	J	1000	105		P
Cadmium	ug/L	75 - 125	880		1.26	J	1000	88		P
Chromium	ug/L	75 - 125	1960		7.51	J	2000	98		P
Copper	ug/L	75 - 125	1510		106		1500	93		P
Iron	ug/L	75 - 125	16900		2250		15000	98		P
Lead	ug/L	75 - 125	4350		60.0	U	5000	87		P
Mercury	ug/L	75 - 125	38.2		2.00	U	40.0	96		CV
Nickel	ug/L	75 - 125	2400		26.2	J	2500	95		P
Selenium	ug/L	75 - 125	8690		100	U	10000	87		P
Silver	ug/L	75 - 125	384		50.0	U	380	101		P
Zinc	ug/L	75 - 125	2950		1930		1000	102		P