

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Weston Solutions **level:** low **sdg no.:** P5117
contract: WEST04 **lab code:** CHEM **case no.:** P5117 **sas no.:** P5117
matrix: Water **sample id:** P5136-02 **client id:** COMP-1MS
Percent Solids for Sample: NA **Spiked ID:** P5136-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4000		100	U	4000	100		P
Barium	ug/L	88 - 113	2120		1340		1000	78	N	P
Cadmium	ug/L	88 - 113	982		3.00	J	1000	98		P
Chromium	ug/L	90 - 113	1990		14.3	J	2000	99		P
Lead	ug/L	86 - 113	4590		60.0	U	5000	92		P
Mercury	ug/L	82 - 119	38.0		2.00	U	40.0	95		CV
Selenium	ug/L	83 - 114	9980		100	U	10000	100		P
Silver	ug/L	84 - 115	379		50.0	U	380	100		P

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MATRIX SPIKE DUPLICATE SUMMARY

client: <u>Weston Solutions</u>	level: <u>low</u>	sdg no.: <u>P5117</u>
contract: <u>WEST04</u>	lab code: <u>CHEM</u>	case no.: <u>P5117</u> sas no.: <u>P5117</u>
matrix: <u>Water</u>	sample id: <u>P5136-02</u>	client id: <u>COMP-1MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>P5136-02MSD</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	87 - 113	4030		100	U	4000	101		P
Barium	ug/L	88 - 113	2120		1340		1000	78	N	P
Cadmium	ug/L	88 - 113	981		3.00	J	1000	98		P
Chromium	ug/L	90 - 113	1950		14.3	J	2000	97		P
Lead	ug/L	86 - 113	4580		60.0	U	5000	92		P
Mercury	ug/L	82 - 119	38.7		2.00	U	40.0	97		CV
Selenium	ug/L	83 - 114	10000		100	U	10000	100		P
Silver	ug/L	84 - 115	372		50.0	U	380	98		P