

Analytical Summary Report

Analysis Method: SM4500-SO4 E

ANALYST: AMANDEEP

Parameter: Dissolved Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB87928

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP55400
Sulfate LCS std, 20ppm	WP55401
sulfate 0.0ppm	WP55390
sulfate 5ppm	WP55398
sulfate 10ppm	WP55391
sulfate 20ppm	WP55393
sulfate 30ppm	WP55395
sulfate 40ppm	WP55397
sulfate CCV 20ppm	WP55399
Sulfate Buffer solution A	WP53730
Sulfate std, 15ppm	WP55392
Sulfate std, 35ppm	WP55396
Sulfate std, 25ppm	WP55394

Intercept: -0.3098

Slope: 2.9884

Regression: 0.999926

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.160	0.289	0.129	06/06/2017	08:25
2	CAL2	5	1	Water	0.159	14.200	14.041	06/06/2017	08:31
3	CAL3	10	1	Water	0.141	30.100	29.959	06/06/2017	08:36
4	CAL4	15	1	Water	0.155	43.900	43.745	06/06/2017	08:43
5	CAL5	20	1	Water	0.176	60.100	59.924	06/06/2017	08:49
6	CAL6	25	1	Water	0.165	74.300	74.135	06/06/2017	08:55
7	CAL7	30	1	Water	0.170	89.900	89.730	06/06/2017	09:02
8	CAL8	35	1	Water	0.185	104.800	104.615	06/06/2017	09:09
9	CAL9	40	1	Water	0.155	119.000	118.845	06/06/2017	09:15



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Seq	Lab ID	Initial Weight	Final Vol	True Value	DF	MATRIX	Initial Reading	Final Reading	Difference	Result (mg/L)	AnalDate	Anal Time
1	ICV			20	1	Water	0.192	55.300	55.108	18.544	06/06/2017	09:22
2	ICB				1	Water	0.159	0.257	0.098	0.136	06/06/2017	09:35
3	CCV1			20	1	Water	0.170	60.200	60.030	20.191	06/07/2017	10:01
4	CCB1				1	Water	0.160	0.290	0.130	0.147	06/07/2017	10:07
5	LB87928BL	50	50		1	Water	0.165	0.296	0.131	0.148	06/07/2017	10:15
6	LB87928BS	50	50	20	1	Water	0.224	57.500	57.276	19.270	06/07/2017	10:27
7	I3410-20	50	50		1	Water	0.217	168.000	167.783	56.248	06/07/2017	10:34
8	I3410-21	50	50		1	Water	1.630	98.000	96.370	32.352	06/07/2017	10:39
9	CCV2			20	1	Water	0.165	59.800	59.635	20.059	06/07/2017	10:46
10	CCB2				1	Water	0.170	0.299	0.129	0.147	06/07/2017	10:53
11	I3410-21DUP	50	50		1	Water	1.630	99.000	97.370	32.686	06/07/2017	10:58
12	I3410-21MS	50	50	20	1	Water	0.558	142.000	141.442	47.434	06/07/2017	11:04
13	I3410-21MSD	50	50	20	1	Water	0.565	143.000	142.435	47.766	06/07/2017	11:10
14	I3410-22	50	50		1	Water	0.533	220.000	219.467	73.543	06/07/2017	11:17
15	CCV3			20	1	Water	0.179	60.000	59.821	20.121	06/07/2017	11:25
16	CCB3				1	Water	0.161	0.275	0.114	0.142	06/07/2017	11:32
17	I3410-23	50	50		1	Water	4.200	132.000	127.800	42.869	06/07/2017	11:37
18	I3410-24	50	50		1	Water	0.430	84.300	83.870	28.169	06/07/2017	11:45
19	I3410-25	50	50		1	Water	2.700	80.100	77.400	26.004	06/07/2017	11:52
20	I3410-26	50	50		1	Water	2.210	58.600	56.390	18.973	06/07/2017	11:00
21	CCV4			20	1	Water	0.180	59.700	59.520	20.021	06/07/2017	11:06
22	CCB4				1	Water	0.165	0.259	0.094	0.135	06/07/2017	11:12
23	I3410-27	50	50		1	Water	0.415	35.800	35.385	11.944	06/07/2017	11:19
24	I3410-28	50	50		1	Water	0.112	0.209	0.097	0.136	06/07/2017	11:25
25	I3410-29	50	50		1	Water	0.219	154.000	153.781	51.563	06/07/2017	11:32
26	I3410-30	50	50		1	Water	0.290	0.458	0.168	0.160	06/07/2017	11:38
27	CCV5			20	1	Water	0.171	60.100	59.929	20.158	06/07/2017	11:45
28	CCB5				1	Water	0.160	0.288	0.128	0.146	06/07/2017	11:50
29	I3410-31	50	50		1	Water	0.240	70.700	70.460	23.682	06/07/2017	11:56
30	I3410-31DUP	50	50		1	Water	0.241	70.900	70.659	23.748	06/07/2017	12:03
31	I3410-32	50	50		1	Water	1.650	57.900	56.250	18.926	06/07/2017	12:10
32	I3410-33	50	50		1	Water	0.830	176.000	175.170	58.720	06/07/2017	12:17
33	CCV6			20	1	Water	0.190	60.200	60.010	20.185	06/07/2017	12:25
34	CCB6				1	Water	0.164	0.297	0.133	0.148	06/07/2017	12:33
35	I3410-34	50	50		1	Water	0.150	0.274	0.124	0.145	06/07/2017	12:40
36	I3410-35	50	50		1	Water	2.550	45.500	42.950	14.476	06/07/2017	12:46
37	I3410-36	50	50		1	Water	0.279	61.600	61.321	20.623	06/07/2017	12:53
38	I3410-37	50	50		1	Water	0.380	55.100	54.720	18.414	06/07/2017	12:59
39	CCV7			20	1	Water	0.180	59.900	59.720	20.088	06/07/2017	13:05
40	CCB7				1	Water	0.160	0.289	0.129	0.147	06/07/2017	13:11

41	I3410-38	50	50		1	Water	18.100	99.700	81.600	27.409	06/07/2017	13:17
42	I3410-20				2	Water	0.114	87.900	87.786	29.479	06/07/2017	13:24
43	I3410-21MS			20	2	Water	0.215	69.900	69.685	23.422	06/07/2017	13:29
44	I3410-21MSD			20	2	Water	0.213	70.100	69.887	23.490	06/07/2017	13:35
45	I3410-22				5	Water	0.275	47.600	47.325	15.940	06/07/2017	13:42
46	I3410-23				5	Water	0.560	30.900	30.340	10.256	06/07/2017	13:49
47	I3410-29				2	Water	0.186	81.700	81.514	27.380	06/07/2017	13:55
48	I3410-33				5	Water	0.270	39.200	38.930	13.131	06/07/2017	14:01
49	CCV8			20	1	Water	0.176	60.100	59.924	20.156	06/07/2017	14:07
50	CCB8				1	Water	0.168	0.291	0.123	0.145	06/07/2017	14:13

0387928

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DSO4060117 WorkList ID : 99092 Date : 6/1/2017 12:51:06 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3410-20	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW9-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-21	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW1-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-22	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW6-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-23	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MWP2-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-24	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW8M-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-25	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW8D-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-38	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW10D-053-1	05/31/2017	SM4500-SO4 E
	Water	I3410-32	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW11M-053-1	05/31/2017	SM4500-SO4 E
	Water	I3410-33	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW11D-053-1	05/31/2017	SM4500-SO4 E
	Water	I3410-34	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW2S-053-3	05/31/2017	SM4500-SO4 E
	Water	I3410-35	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW2S-053-1	05/31/2017	SM4500-SO4 E
	Water	I3410-36	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW10M-053-1	05/31/2017	SM4500-SO4 E
	Water	I3410-37	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW10M-053-2	05/31/2017	SM4500-SO4 E
	Water	I3410-26	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW8D-053-2	05/30/2017	SM4500-SO4 E
	Water	I3410-27	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MWP4-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-28	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW4D-053-3	05/30/2017	SM4500-SO4 E
	Water	I3410-29	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW4S-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-30	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW4D-053-1	05/30/2017	SM4500-SO4 E
	Water	I3410-31	Dissolved Sulfate	Cool 4 deg C	WEST04	J61	MW4M-053-01	05/31/2017	SM4500-SO4 E

Date/Time 06-07-17 9:38
 Received by: AK
 Relinquished by: JS

Date/Time 06-07-17 14:35
 Received by: JS
 Relinquished by: AK