

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB93684

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP62470
Sulfate LCS std, 20ppm	WP62471
sulfate 0.0ppm	WP62460
sulfate 5ppm	WP62461
sulfate 10ppm	WP62462
sulfate 20ppm	WP62464
sulfate 30ppm	WP62466
sulfate 40ppm	WP62468
sulfate CCV 20ppm	WP62469
Sulfate Buffer solution A	WP59978
Sulfate std, 15ppm	WP62463
Sulfate std, 35ppm	WP62467
Sulfate std, 25ppm	WP62465
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.0877

Slope: 2.9845

Regression: 0.999898

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.156	0.299	0.143	03/05/2018	09:06
2	CAL2	5	1	Water	0.147	14.900	14.753	03/05/2018	09:12
3	CAL3	10	1	Water	0.160	30.100	29.940	03/05/2018	09:19
4	CAL4	15	1	Water	0.156	43.800	43.644	03/05/2018	09:25
5	CAL5	20	1	Water	0.176	60.700	60.524	03/05/2018	09:32
6	CAL6	25	1	Water	0.169	74.500	74.331	03/05/2018	09:39
7	CAL7	30	1	Water	0.180	89.800	89.620	03/05/2018	09:45
8	CAL8	35	1	Water	0.185	103.900	103.715	03/05/2018	09:52
9	CAL9	40	1	Water	0.155	119.900	119.745	03/05/2018	09:59



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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	0.168	58.600	58.432	19.608	03/05/2018	10:05
2	ICB				1	Water	0.169	0.296	0.127	0.072	03/05/2018	10:13
3	CCV1			20	1	Water	0.185	59.200	59.015	19.803	03/05/2018	10:18
4	CCB1				1	Water	0.156	0.287	0.131	0.073	03/05/2018	10:24
5	LB93684BL	50	50		1	Water	0.160	0.301	0.141	0.077	03/05/2018	10:30
6	LB93684BS	50	50	20	1	Water	0.171	58.900	58.729	19.707	03/05/2018	10:36
7	J1665-01	50	50		1	Water	1.190	189.000	187.810	62.958	03/05/2018	10:42
8	J1665-01DUP	50	50		1	Water	1.150	188.000	186.850	62.636	03/05/2018	10:47
9	CCV2			20	1	Water	0.177	59.200	59.023	19.806	03/05/2018	10:53
10	CCB2				1	Water	0.166	0.299	0.133	0.074	03/05/2018	10:58
11	J1665-01MS	50	50	20	1	Water	1.020	249.000	247.980	83.119	03/05/2018	11:04
12	J1665-01MSD	50	50	20	1	Water	1.040	250.000	248.960	83.447	03/05/2018	11:10
13	J1665-02	50	50		1	Water	75.000	110.000	35.000	11.757	03/05/2018	11:16
14	J1665-03	50	50		1	Water	1.300	77.300	76.000	25.494	03/05/2018	11:23
15	CCV3			20	1	Water	0.165	58.700	58.535	19.642	03/05/2018	11:29
16	CCB3				1	Water	0.159	0.312	0.153	0.081	03/05/2018	11:35
17	J1665-04	50	50		1	Water	0.897	59.900	59.003	19.799	03/05/2018	11:42
18	J1665-05	50	50		1	Water	2.420	114.000	111.580	37.416	03/05/2018	11:48
19	J1665-06	50	50		1	Water	0.166	0.297	0.131	0.073	03/05/2018	11:55
20	J1665-07	50	50		1	Water	5.630	82.300	76.670	25.719	03/05/2018	12:02
21	CCV4			20	1	Water	0.169	58.900	58.731	19.708	03/05/2018	12:06
22	CCB4				1	Water	0.189	0.312	0.123	0.071	03/05/2018	12:13
23	J1665-08	50	50		1	Water	1.830	236.000	234.170	78.491	03/05/2018	12:20
24	J1665-09	50	50		1	Water	0.956	286.000	285.044	95.538	03/05/2018	12:27
25	J1665-10	50	50		1	Water	0.540	0.692	0.152	0.080	03/05/2018	12:35
26	J1681-01	50	50		1	Water	8.400	122.000	113.600	38.093	03/05/2018	12:42
27	CCV5			20	1	Water	0.158	59.300	59.142	19.846	03/05/2018	12:47
28	CCB5				1	Water	0.159	0.298	0.139	0.076	03/05/2018	12:53
29	J1681-01DUP	50	50		1	Water	8.250	121.000	112.750	37.808	03/05/2018	12:59
30	J1681-02	50	50		1	Water	0.186	0.348	0.162	0.084	03/05/2018	13:04
31	J1681-03	50	50		1	Water	0.348	288.000	287.652	96.411	03/05/2018	13:10
32	J1681-04	50	50		1	Water	0.806	119.000	118.194	39.632	03/05/2018	13:16
33	CCV6			20	1	Water	0.162	59.100	58.938	19.777	03/05/2018	13:22
34	CCB6				1	Water	0.165	0.298	0.133	0.074	03/05/2018	13:28
35	J1681-05	50	50		1	Water	0.321	50.200	49.879	16.742	03/05/2018	13:35
36	J1681-06	50	50		1	Water	0.746	80.800	80.054	26.853	03/05/2018	13:42
37	J1681-07	50	50		1	Water	0.901	89.700	88.799	29.783	03/05/2018	13:48
38	J1681-08	50	50		1	Water	62.100	207.000	144.900	48.580	03/05/2018	13:53
39	CCV7			20	1	Water	0.185	59.800	59.615	20.004	03/05/2018	14:00
40	CCB7				1	Water	0.160	0.256	0.096	0.062	03/05/2018	14:06

41	J1681-09	50	50		1	Water	0.404	69.900	69.496	23.315	03/05/2018	14:12
42	J1665-01				2	Water	0.604	84.200	83.596	28.039	03/05/2018	14:18
43	J1665-01DUP				2	Water	0.595	85.400	84.805	28.445	03/05/2018	14:25
44	J1665-01MS			20	2	Water	0.445	90.000	89.555	30.036	03/05/2018	14:32
45	J1665-01MSD			20	2	Water	0.440	90.500	90.060	30.205	03/05/2018	14:39
46	J1665-08				2	Water	0.986	119.000	118.014	39.572	03/05/2018	14:45
47	J1665-09				5	Water	0.405	61.500	61.095	20.500	03/05/2018	14:52
48	J1681-03				5	Water	0.257	50.200	49.943	16.764	03/05/2018	14:58
49	J1681-08				2	Water	32.500	94.600	62.100	20.837	03/05/2018	15:05
50	CCV8			20	1	Water	0.169	59.200	59.031	19.809	03/05/2018	14:10
51	CCB8				1	Water	0.160	0.354	0.194	0.094	03/05/2018	14:16

LB936886 LB 93684

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SO4022318

WorkList ID : 108905

Date : 2/23/2018 2:22:58 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/08/2018	Water	J1665-01	Sulfate	Cool 4 deg C	WEST04	E11	MW9-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-02	Sulfate	Cool 4 deg C	WEST04	E11	MW2S-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-03	Sulfate	Cool 4 deg C	WEST04	E11	MW10M-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-04	Sulfate	Cool 4 deg C	WEST04	E11	MW10M-056-2	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-05	Sulfate	Cool 4 deg C	WEST04	E11	MW10D-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-06	Sulfate	Cool 4 deg C	WEST04	E11	MW11M-056-3	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-07	Sulfate	Cool 4 deg C	WEST04	E11	MW11M-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-08	Sulfate	Cool 4 deg C	WEST04	E11	MW11D-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-09	Sulfate	Cool 4 deg C	WEST04	E11	MW4S-056-1	02/22/2018	SM 4500-SO4E
03/08/2018	Water	J1665-10	Sulfate	Cool 4 deg C	WEST04	E11	MW4D-056-1	02/22/2018	SM 4500-SO4E
03/09/2018	Water	J1681-01	Sulfate	Cool 4 deg C	WEST04	E41	MW1-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-02	Sulfate	Cool 4 deg C	WEST04	E41	MW6-056-3	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-03	Sulfate	Cool 4 deg C	WEST04	E41	MW6-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-04	Sulfate	Cool 4 deg C	WEST04	E41	MW8D-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-05	Sulfate	Cool 4 deg C	WEST04	E41	MWP4-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-06	Sulfate	Cool 4 deg C	WEST04	E41	MW8M-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-07	Sulfate	Cool 4 deg C	WEST04	E41	MW8M-056-2	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-08	Sulfate	Cool 4 deg C	WEST04	E41	MWP2-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1681-09	Sulfate	Cool 4 deg C	WEST04	E41	MW4M-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1682-01	Sulfate	Cool 4 deg C	WEST04	D61	J01-056-1	02/23/2018	SM 4500-SO4E
03/09/2018	Water	J1682-02	Sulfate	Cool 4 deg C	WEST04	D61	J03-056-1	02/23/2018	SM 4500-SO4E

Date/Time 3-5-18 8:36
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