

Analytical Summary Report

Analysis Method: SM4500-SO4 E

ANALYST: Aparna

Parameter: Dissolved Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB97776

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP67638
Sulfate LCS std, 20ppm	WP67640
sulfate 0.0ppm	WP67632
sulfate 5ppm	WP67637
sulfate 10ppm	WP67633
sulfate 20ppm	WP67634
sulfate 30ppm	WP67635
sulfate 40ppm	WP67636
sulfate CCV 20ppm	WP67639
Sulfate std, 15ppm	WP67643
Sulfate std, 35ppm	WP67641
Sulfate std, 25ppm	WP67642
Sulfate Buffer solution A	WP66451
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.4883

Slope: 3.0028

Regression: 0.999922

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.277	0.398	0.121	09/07/2018	07:30
2	CAL2	5	1	Water	0.259	14.300	14.041	09/07/2018	07:35
3	CAL3	10	1	Water	0.241	30.200	29.959	09/07/2018	07:40
4	CAL4	15	1	Water	0.255	43.900	43.645	09/07/2018	07:45
5	CAL5	20	1	Water	0.276	60.300	60.024	09/07/2018	07:50
6	CAL6	25	1	Water	0.265	74.400	74.135	09/07/2018	07:55
7	CAL7	30	1	Water	0.270	89.900	89.630	09/07/2018	08:00
8	CAL8	35	1	Water	0.285	104.900	104.615	09/07/2018	08:05
9	CAL9	40	1	Water	0.255	120.200	119.945	09/07/2018	08:10



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Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	MATRIX	Initial Reading	Final Reading	Difference	Result (mg/L)	AnalDate	Anal Time
1	ICV			20	1	Water	0.270	58.200	57.930	19.455	09/07/2018	08:15
2	ICB				1	Water	0.271	0.360	0.089	0.192	09/07/2018	08:20
3	CCV1			20	1	Water	0.240	59.699	59.459	19.964	09/07/2018	11:20
4	CCB1				1	Water	0.258	0.366	0.108	0.199	09/07/2018	11:25
5	LB97776BL	50	50		1	Water	0.266	0.386	0.120	0.203	09/07/2018	11:30
6	LB97776BS	50	50	20	1	Water	0.274	58.601	58.327	19.587	09/07/2018	11:35
7	J4709-12	50	50		1	Water	0.230	82.600	82.370	27.594	09/07/2018	11:40
8	J4709-13	50	50		1	Water	0.244	77.400	77.156	25.857	09/07/2018	11:45
9	CCV2			20	1	Water	0.278	58.136	57.858	19.431	09/07/2018	11:50
10	CCB2				1	Water	0.263	0.357	0.094	0.194	09/07/2018	11:55
11	J4709-14	50	50		1	Water	0.266	160.000	159.734	53.358	09/07/2018	12:00
12	J4709-15	50	50		1	Water	3.810	41.900	38.090	12.847	09/07/2018	12:05
13	J4709-16	50	50		1	Water	0.220	80.200	79.980	26.798	09/07/2018	12:10
14	J4709-16DUP	50	50		1	Water	0.221	81.900	81.679	27.364	09/07/2018	12:15
15	CCV3			20	1	Water	0.279	59.235	58.956	19.796	09/07/2018	12:20
16	CCB3				1	Water	0.263	0.358	0.095	0.194	09/07/2018	12:25
17	J4709-16MS	50	50	20	1	Water	0.229	121.000	120.771	40.382	09/07/2018	12:30
18	J4709-16MSD	50	50	20	1	Water	0.228	122.000	121.772	40.715	09/07/2018	12:35
19	J4709-17	50	50		1	Water	1.400	80.800	79.400	26.605	09/07/2018	12:40
20	J4709-18	50	50		1	Water	1.730	78.300	76.570	25.662	09/07/2018	12:45
21	CCV4			20	1	Water	0.279	59.124	58.845	19.759	09/07/2018	12:50
22	CCB4				1	Water	0.265	0.357	0.092	0.193	09/07/2018	13:00
23	J4709-19	50	50		1	Water	1.000	81.400	80.400	26.938	09/07/2018	13:05
24	J4709-20	50	50		1	Water	0.235	250.000	249.765	83.340	09/07/2018	13:10
25	J4709-21	50	50		1	Water	0.245	0.410	0.165	0.218	09/07/2018	13:15
26	J4709-22	50	50		1	Water	0.257	0.774	0.517	0.335	09/07/2018	13:20
27	J4709-14				2	Water	0.231	104.000	103.769	34.720	09/07/2018	13:25
28	J4709-16MS			20	2	Water	0.201	63.500	63.299	21.243	09/07/2018	13:30
29	J4709-20				5	Water	0.210	63.000	62.790	21.073	09/07/2018	13:35
30	CCV5			20	1	Water	0.282	57.563	57.281	19.238	09/07/2018	13:40
31	CCB5				1	Water	0.264	0.358	0.094	0.194	09/07/2018	13:45
32	J4709-16MSD			20	2	Water	0.200	63.498	63.298	21.242	09/07/2018	13:50
33	CCV6			20	1	Water	0.250	59.700	59.450	19.961	09/07/2018	13:55
34	CCB6				1	Water	0.255	0.356	0.101	0.196	09/07/2018	14:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DSO4090518

WorkList ID : 116401

Date : 9/5/2018 8:49:40 AM

2197776

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/11/2018	Water	J4709-12	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW9-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-13	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW1-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-14	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW6-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-15	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MWP2-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-16	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW8D-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-17	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW8D-058-2	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-18	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MWP4-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-19	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW8M-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-20	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW4S-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-21	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW4D-058-3	08/28/2018	SM4500-SO4
09/11/2018	Water	J4709-22	Dissolved Sulfate	Cool 4 deg C	WEST04	G32	MW4D-058-1	08/28/2018	SM4500-SO4

Date/Time

Received by:

Relinquished by:

09/07/18 11:00
AS
CP

Date/Time

Received by:

Relinquished by:

09/07/18 19:15
AS
AS