

Analytical Summary ReportAnalysis Method: SM4500-SO4 EANALYST: AMANDEEPParameter: Dissolved SulfateSUPERVISOR REVIEW BY: apatelRun Number: LB97777

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 Buffer solution A	WP66451
Sulfate std, 15ppm	WP67643
Sulfate std, 35ppm	WP67641
Sulfate std, 25ppm	WP67642
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.4883Slope: 3.0028Regression: 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



Analytical Summary Report

Analysis Method: SM4500-SO4 E

ANALYST: AMANDEEP

Parameter: Dissolved Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB97777

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	0.281	59.100	58.819	19.751	09/07/2018	13:30
4	CCB1				1	Water	0.279	0.398	0.119	0.202	09/07/2018	13:20
5	LB97777BL	50	50		1	Water	0.269	0.372	0.103	0.197	09/07/2018	13:25
6	LB97777BS	50	50	20	1	Water	0.268	58.700	58.432	19.622	09/07/2018	13:30
7	J4708-06	50	50		1	Water	0.246	129.000	128.754	43.041	09/07/2018	13:35
8	J4708-07	50	50		1	Water	0.221	79.500	79.279	26.564	09/07/2018	13:40
9	CCV2			20	1	Water	0.252	59.900	59.648	20.027	09/07/2018	13:45
10	CCB2				1	Water	0.260	0.378	0.118	0.202	09/07/2018	13:50
11	J4708-08	50	50		1	Water	0.206	80.100	79.894	26.769	09/07/2018	13:55
12	J4708-09	50	50		1	Water	0.216	89.200	88.984	29.796	09/07/2018	14:00
13	J4708-10	50	50		1	Water	0.247	90.300	90.053	30.152	09/07/2018	14:05
14	J4743-10	50	50		1	Water	0.210	77.800	77.590	26.002	09/07/2018	14:10
15	CCV3			20	1	Water	0.259	59.400	59.141	19.858	09/07/2018	14:15
16	CCB3				1	Water	0.261	0.377	0.116	0.201	09/07/2018	14:20
17	J4743-11	50	50		1	Water	0.296	0.401	0.105	0.198	09/07/2018	14:25
18	J4743-12	50	50		1	Water	0.212	68.000	67.788	22.738	09/07/2018	14:30
19	J4743-13	50	50		1	Water	0.227	151.000	150.773	50.373	09/07/2018	14:35
20	J4743-14	50	50		1	Water	0.989	32.800	31.811	10.756	09/07/2018	14:40
21	CCV4			20	1	Water	0.259	59.300	59.041	19.825	09/07/2018	14:45
22	CCB4				1	Water	0.263	0.399	0.136	0.208	09/07/2018	14:50
23	J4743-14DUP	50	50		1	Water	0.996	34.600	33.604	11.354	09/07/2018	14:55
24	J4743-14MS	50	50	20	1	Water	1.010	92.800	91.790	30.731	09/07/2018	14:59
25	J4743-14MSD	50	50	20	1	Water	0.997	92.600	91.603	30.668	09/07/2018	15:03
26	J4743-15	50	50		1	Water	0.208	51.500	51.292	17.244	09/07/2018	15:07
27	CCV5			20	1	Water	0.229	59.800	59.571	20.001	09/07/2018	15:13
28	CCB5				1	Water	0.216	0.359	0.143	0.210	09/07/2018	15:18
29	J4743-16	50	50		1	Water	0.212	60.300	60.088	20.173	09/07/2018	15:23
30	J4743-17	50	50		1	Water	0.272	96.600	96.328	32.242	09/07/2018	15:27
31	J4743-13				2	Water	0.194	96.100	95.906	32.101	09/07/2018	15:31
32	CCV6			20	1	Water	0.268	59.400	59.132	19.855	09/07/2018	15:35
33	CCB6				1	Water	0.258	0.362	0.104	0.197	09/07/2018	15:40
34	J4708-06				2	Water	0.190	65.400	65.210	21.879	09/07/2018	15:45
35	CCV7			20	1	Water	0.268	59.200	58.932	19.788	09/07/2018	15:50
36	CCB7				1	Water	0.261	0.375	0.114	0.201	09/07/2018	15:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DSO4082918

WorkList ID : 116189

Date : 8/29/2018 12:15:25 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/11/2018	Water	J4708-06	Dissolved Sulfate	Cool 4 deg C	WEST04	H23	I01I-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4708-07	Dissolved Sulfate	Cool 4 deg C	WEST04	H23	I03I-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4708-08	Dissolved Sulfate	Cool 4 deg C	WEST04	H23	I04I-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4708-09	Dissolved Sulfate	Cool 4 deg C	WEST04	H23	I05I-058-1	08/28/2018	SM4500-SO4
09/11/2018	Water	J4708-10	Dissolved Sulfate	Cool 4 deg C	WEST04	H23	I06I-058-1	08/28/2018	SM4500-SO4
09/13/2018	Water	J4743-10	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW4M-058-1	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-11	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW2S-058-3	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-12	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW11M-058-1	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-13	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW11D-058-1	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-14	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW2S-058-1	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-15	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW10M-058-1	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-16	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW10M-058-2	08/30/2018	SM4500-SO4
09/13/2018	Water	J4743-17	Dissolved Sulfate	Cool 4 deg C	WEST04	H63	MW10D-058-1	08/30/2018	SM4500-SO4

Date/Time 9-7-18 11:00
 Received by: 
 Relinquished by: 

Date/Time 9-7-18 16:00
 Received by: 
 Relinquished by: 