

Analytical Summary ReportAnalysis Method: SM4500-SO4 EANALYST: AMANDEEPParameter: Dissolved SulfateSUPERVISOR REVIEW BY: apatelRun Number: LB91782

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP59871
Sulfate LCS std, 20ppm	WP59872
sulfate 0.0ppm	WP59861
sulfate 5ppm	WP59862
sulfate 10ppm	WP59863
sulfate 20ppm	WP59865
sulfate 30ppm	WP59867
sulfate 40ppm	WP59869
sulfate CCV 20ppm	WP59870
Sulfate Buffer solution A	WP58475
Sulfate std, 15ppm	WP59864
Sulfate std, 35ppm	WP59868
Sulfate std, 25ppm	WP59866
Sulfate Buffer solution A	WP58475
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.1906Slope: 2.9897Regression: 0.999891

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.169	0.380	0.211	11/22/2017	10:02
2	CAL2	5	1	Water	0.161	14.300	14.139	11/22/2017	10:07
3	CAL3	10	1	Water	0.160	30.200	30.040	11/22/2017	10:14
4	CAL4	15	1	Water	0.179	43.900	43.721	11/22/2017	10:20
5	CAL5	20	1	Water	0.179	60.800	60.621	11/22/2017	10:28
6	CAL6	25	1	Water	0.172	74.400	74.228	11/22/2017	10:35
7	CAL7	30	1	Water	0.180	89.900	89.720	11/22/2017	10:42
8	CAL8	35	1	Water	0.187	104.900	104.713	11/22/2017	10:50
9	CAL9	40	1	Water	0.156	119.200	119.044	11/22/2017	10:58



Analytical Summary Report

Analysis Method: SM4500-SO4 E

ANALYST: AMANDEEP

Parameter: Dissolved Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB91782

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	0.163	58.400	58.237	19.543	11/22/2017	11:05
2	ICB				1	Water	0.180	0.250	0.070	0.087	11/22/2017	11:11
3	CCV1			20	1	Water	0.179	58.900	58.721	19.705	11/22/2017	15:26
4	CCB1				1	Water	0.170	0.310	0.140	0.111	11/22/2017	15:30
5	LB91782BL	50	50		1	Water	0.175	0.329	0.154	0.115	11/22/2017	15:35
6	LB91782BS	50	50	20	1	Water	0.292	55.400	55.108	18.496	11/22/2017	15:41
7	I6576-15	50	50		1	Water	0.235	73.500	73.265	24.570	11/22/2017	15:47
8	I6576-16	50	50		1	Water	0.195	69.700	69.505	23.312	11/22/2017	15:53
9	CCV2			20	1	Water	0.172	59.800	59.628	20.008	11/22/2017	15:59
10	CCB2				1	Water	0.169	0.299	0.130	0.107	11/22/2017	16:05
11	I6576-17	50	50		1	Water	0.278	240.000	239.722	80.246	11/22/2017	16:10
12	I6576-18	50	50		1	Water	0.283	81.900	81.617	27.363	11/22/2017	16:15
13	I6576-19	50	50		1	Water	0.173	0.515	0.342	0.178	11/22/2017	16:23
14	I6576-20	50	50		1	Water	0.369	75.800	75.431	25.294	11/22/2017	16:28
15	CCV3			20	1	Water	0.181	59.400	59.219	19.871	11/22/2017	16:35
16	CCB3				1	Water	0.180	0.329	0.149	0.114	11/22/2017	16:40
17	I6576-21	50	50		1	Water	0.334	77.900	77.566	26.008	11/22/2017	16:46
18	I6576-22	50	50		1	Water	0.179	61.500	61.321	20.575	11/22/2017	16:52
19	I6576-22DUP	50	50		1	Water	0.180	61.700	61.520	20.641	11/22/2017	16:58
20	I6576-22MS	50	50	20	1	Water	0.868	110.000	109.132	36.566	11/22/2017	17:05
21	CCV4			20	1	Water	0.185	59.200	59.015	19.803	11/22/2017	17:12
22	CCB4				1	Water	0.168	0.351	0.183	0.125	11/22/2017	17:15
23	I6576-22MSD	50	50	20	1	Water	0.858	113.000	112.142	37.573	11/22/2017	17:21
24	I6576-23	50	50		1	Water	5.350	109.000	103.650	34.733	11/22/2017	17:27
25	I6576-24	50	50		1	Water	0.494	230.000	229.506	76.829	11/22/2017	17:33
26	I6576-25	50	50		1	Water	0.293	149.000	148.707	49.804	11/22/2017	17:38
27	CCV5			20	1	Water	0.181	59.100	58.919	19.771	11/22/2017	17:43
28	CCB5				1	Water	0.165	0.309	0.144	0.112	11/22/2017	17:49
29	I6576-26	50	50		1	Water	0.274	142.000	141.726	47.469	11/22/2017	17:55
30	I6576-27	50	50		1	Water	1.340	170.000	168.660	56.477	11/22/2017	18:00
31	I6576-28	50	50		1	Water	0.351	137.000	136.649	45.770	11/22/2017	18:06
32	I6576-17				5	Water	0.906	37.600	36.694	12.337	11/22/2017	18:12
33	I6576-24				5	Water	0.186	34.600	34.414	11.575	11/22/2017	18:16
34	I6576-25				2	Water	0.188	60.900	60.712	20.371	11/22/2017	18:22
35	I6576-26				2	Water	0.192	43.500	43.308	14.549	11/22/2017	18:29
36	CCV6			20	1	Water	0.175	58.600	58.425	19.606	11/22/2017	18:34
37	CCB6				1	Water	0.166	0.296	0.130	0.107	11/22/2017	18:39
38	I6576-27				2	Water	0.803	59.600	58.797	19.730	11/22/2017	18:46
39	CCV7			20	1	Water	0.179	59.800	59.621	20.006	11/22/2017	18:51
40	CCB7				1	Water	0.170	0.259	0.089	0.094	11/22/2017	18:56

41	I6576-28				2	Water	0.310	49.800	49.490	16.617	11/22/2017	19:03
42	CCV8			20	1	Water	0.180	59.500	59.320	19.905	11/22/2017	19:10
43	CCB8				1	Water	0.149	0.293	0.144	0.112	11/22/2017	19:15

WORKLIST(Hardcopy Internal Chain)

11/22/2017 9:23:44 AM

WorkList Name : DSO4112217 WorkList ID : 105789 Date : 11/22/2017 9:23:44 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/03/2017	Water	16576-15-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW4M-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-16-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW1-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-17-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW6-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-18-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MWP4-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-19-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW8D-055-3	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-20-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW8M-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-21-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW8M-055-2	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-22-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MW8D-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-23-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	MWP2-055-1	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-24-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	I01I	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-25-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	I04I	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-26-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	I06I	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-27-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	I03I	11/21/2017	SM4500-SO4 E
12/03/2017	Water	16576-28-1	Dissolved Sulfate	Cool 4 deg C	WEST04	M53	I05I	11/21/2017	SM4500-SO4 E

Date/Time 11/22/17 9:35
 Received by: AC
 Relinquished by: AC

Date/Time 11/22/17 19:05
 Received by: AC
 Relinquished by: AC