

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB91803

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP59905
Sulfate LCS std, 20ppm	WP59906
sulfate 0.0ppm	WP59895
sulfate 5ppm	WP59896
sulfate 10ppm	WP59897
sulfate 20ppm	WP59899
sulfate 30ppm	WP59901
sulfate 40ppm	WP59903
sulfate CCV 20ppm	WP59904
Sulfate Buffer solution A	WP58475
Sulfate std, 15ppm	WP59898
Sulfate std, 35ppm	WP59902
Sulfate std, 25ppm	WP59900
Sulfate Buffer solution A	WP58475
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.2213

Slope: 2.9909

Regression: 0.999885

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.180	0.350	0.170	11/27/2017	09:40
2	CAL2	5	1	Water	0.160	14.300	14.140	11/27/2017	09:46
3	CAL3	10	1	Water	0.161	30.300	30.139	11/27/2017	09:51
4	CAL4	15	1	Water	0.164	43.800	43.636	11/27/2017	09:57
5	CAL5	20	1	Water	0.170	60.800	60.630	11/27/2017	10:03
6	CAL6	25	1	Water	0.164	74.600	74.436	11/27/2017	10:10
7	CAL7	30	1	Water	0.181	89.700	89.519	11/27/2017	10:16
8	CAL8	35	1	Water	0.195	104.200	104.005	11/27/2017	10:22
9	CAL9	40	1	Water	0.199	119.900	119.701	11/27/2017	10:29



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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	0.193	59.100	58.907	19.769	11/27/2017	10:35
2	ICB				1	Water	0.179	0.349	0.170	0.131	11/27/2017	10:40
3	CCV1			20	1	Water	0.180	59.400	59.220	19.874	11/27/2017	10:45
4	CCB1				1	Water	0.178	0.345	0.167	0.130	11/27/2017	10:50
5	LB91803BL	50	50		1	Water	0.169	0.335	0.166	0.129	11/27/2017	10:56
6	LB91803BS	50	50	20	1	Water	0.174	59.100	58.926	19.776	11/27/2017	11:02
7	I6575-01	50	50		1	Water	1.420	170.000	168.580	56.438	11/27/2017	11:09
8	I6575-02	50	50		1	Water	8.610	57.500	48.890	16.420	11/27/2017	11:15
9	CCV2			20	1	Water	0.169	59.600	59.431	19.945	11/27/2017	11:21
10	CCB2				1	Water	0.159	0.298	0.139	0.120	11/27/2017	11:27
11	I6575-03	50	50		1	Water	0.728	55.400	54.672	18.353	11/27/2017	11:32
12	I6575-04	50	50		1	Water	3.400	61.300	57.900	19.433	11/27/2017	11:36
13	I6575-05	50	50		1	Water	0.863	116.000	115.137	38.570	11/27/2017	11:42
14	I6575-06	50	50		1	Water	0.198	0.614	0.416	0.213	11/27/2017	11:47
15	CCV3			20	1	Water	0.176	59.800	59.624	20.009	11/27/2017	11:52
16	CCB3				1	Water	0.178	0.326	0.148	0.123	11/27/2017	11:57
17	I6575-07	50	50		1	Water	1.080	83.400	82.320	27.597	11/27/2017	12:02
18	I6575-07DUP	50	50		1	Water	1.040	82.900	81.860	27.444	11/27/2017	12:07
19	I6575-07MS	50	50	20	1	Water	0.995	121.000	120.005	40.197	11/27/2017	12:15
20	I6575-07MSD	50	50	20	1	Water	1.060	121.000	119.940	40.176	11/27/2017	12:20
21	CCV4			20	1	Water	0.169	59.400	59.231	19.878	11/27/2017	12:25
22	CCB4				1	Water	0.180	0.351	0.171	0.131	11/27/2017	12:31
23	I6575-08	50	50		1	Water	0.948	293.000	292.052	97.721	11/27/2017	12:36
24	I6575-09	50	50		1	Water	1.170	315.000	313.830	105.002	11/27/2017	12:41
25	I6575-10	50	50		1	Water	1.030	1.690	0.660	0.295	11/27/2017	12:46
26	I6575-01				2	Water	0.763	72.900	72.137	24.193	11/27/2017	12:52
27	I6575-08				5	Water	0.314	44.700	44.386	14.914	11/27/2017	12:57
28	I6575-09				5	Water	0.432	43.600	43.168	14.507	11/27/2017	13:03
29	CCV5			20	1	Water	0.168	59.200	59.032	19.811	11/27/2017	13:09
30	CCB5				1	Water	0.169	0.289	0.120	0.114	11/27/2017	13:14
31	I6575-07MS			20	2	Water	0.392	71.100	70.708	23.715	11/27/2017	13:20
32	CCV6			20	1	Water	0.219	59.600	59.381	19.928	11/27/2017	13:24
33	CCB6				1	Water	0.180	0.316	0.136	0.119	11/27/2017	13:30
34	I6575-07MSD			20	2	Water	0.390	70.200	69.810	23.415	11/27/2017	13:36
35	CCV7			20	1	Water	0.219	59.200	58.981	19.794	11/27/2017	13:41
36	CCB7				1	Water	0.190	0.348	0.158	0.127	11/27/2017	13:46

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SO4112717

WorkList ID : 105865

Date : 11/27/2017 10:08:30 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/03/2017	Water	I6575-01	Sulfate	Cool 4 deg C	WEST04	M53	MW9-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-02	Sulfate	Cool 4 deg C	WEST04	M53	MW2S-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-03	Sulfate	Cool 4 deg C	WEST04	M53	MW10M-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-04	Sulfate	Cool 4 deg C	WEST04	M53	MW10M-055-2	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-05	Sulfate	Cool 4 deg C	WEST04	M53	MW10D-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-06	Sulfate	Cool 4 deg C	WEST04	M53	MW11M-055-3	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-07	Sulfate	Cool 4 deg C	WEST04	M53	MW11M-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-08	Sulfate	Cool 4 deg C	WEST04	M53	MW11D-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-09	Sulfate	Cool 4 deg C	WEST04	M53	MW4S-055-1	11/20/2017	SM 4500-SO4E
12/03/2017	Water	I6575-10	Sulfate	Cool 4 deg C	WEST04	M53	MW4D-055-1	11/20/2017	SM 4500-SO4E

Date/Time 11/27/17 10:30
 Received by: ALB
 Relinquished by: G

Date/Time 11/27/17 13:30
 Received by: ALB
 Relinquished by: ALB