

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB89418

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP57156
Sulfate LCS std, 20ppm	WP57157
sulfate 0.0ppm	WP57154
sulfate 5ppm	WP57146
sulfate 10ppm	WP57147
sulfate 20ppm	WP57149
sulfate 30ppm	WP57151
sulfate 40ppm	WP57153
sulfate CCV 20ppm	WP57155
Sulfate Buffer solution A	WP53730
Sulfate std, 15ppm	WP57148
Sulfate std, 35ppm	WP57152
Sulfate std, 25ppm	WP57150
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.1975

Slope: 2.9897

Regression: 0.999884

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.180	0.290	0.110	08/11/2017	10:11
2	CAL2	5	1	Water	0.160	14.300	14.140	08/11/2017	10:18
3	CAL3	10	1	Water	0.156	30.200	30.044	08/11/2017	10:25
4	CAL4	15	1	Water	0.159	43.900	43.741	08/11/2017	10:36
5	CAL5	20	1	Water	0.178	60.900	60.722	08/11/2017	10:43
6	CAL6	25	1	Water	0.170	74.400	74.230	08/11/2017	10:48
7	CAL7	30	1	Water	0.179	89.900	89.721	08/11/2017	10:56
8	CAL8	35	1	Water	0.186	104.900	104.714	08/11/2017	11:05
9	CAL9	40	1	Water	0.154	119.100	118.946	08/11/2017	11:13



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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	0.184	56.900	56.716	19.037	08/11/2017	11:19
2	ICB				1	Water	0.150	0.249	0.099	0.099	08/11/2017	11:25
3	CCV1			20	1	Water	0.140	59.300	59.160	19.854	08/11/2017	17:05
4	CCB1				1	Water	0.158	0.246	0.088	0.095	08/11/2017	17:14
5	LB89418BL	50	50		1	Water	0.147	0.241	0.094	0.098	08/11/2017	17:20
6	LB89418BS	50	50	20	1	Water	0.169	55.800	55.631	18.674	08/11/2017	17:27
7	I4671-01	50	50		1	Water	0.580	185.000	184.420	61.751	08/11/2017	17:35
8	I4671-01DUP	50	50		1	Water	0.580	192.000	191.420	64.093	08/11/2017	17:44
9	CCV2			20	1	Water	0.185	58.700	58.515	19.638	08/11/2017	17:50
10	CCB2				1	Water	0.152	0.251	0.099	0.099	08/11/2017	17:58
11	I4671-01MS	50	50	20	1	Water	0.560	197.000	196.440	65.772	08/11/2017	18:06
12	I4671-01MSD	50	50	20	1	Water	0.561	200.000	199.439	66.775	08/11/2017	18:15
13	I4671-02	50	50		1	Water	1.360	152.000	150.640	50.452	08/11/2017	18:24
14	I4671-03	50	50		1	Water	1.540	157.000	155.460	52.065	08/11/2017	18:32
15	CCV3			20	1	Water	0.169	58.600	58.431	19.610	08/11/2017	18:40
16	CCB3				1	Water	0.147	0.238	0.091	0.096	08/11/2017	18:46
17	I4671-04	50	50		1	Water	1.400	152.000	150.600	50.439	08/11/2017	18:54
18	I4671-05	50	50		1	Water	1.790	142.000	140.210	46.964	08/11/2017	19:00
19	I4671-01				2	Water	0.256	97.400	97.144	32.559	08/04/2017	19:07
20	I4671-01DUP				2	Water	0.259	95.400	95.141	31.889	08/11/2017	19:14
21	I4671-01MS			20	2	Water	0.301	104.000	103.699	34.751	08/11/2017	19:20
22	I4671-01MSD			20	2	Water	0.350	105.000	104.650	35.070	08/11/2017	19:28
23	I4671-02				2	Water	0.516	68.900	68.384	22.939	08/11/2017	19:34
24	I4671-03				2	Water	1.090	66.100	65.010	21.811	08/11/2017	19:40
25	I4671-04				2	Water	0.760	71.700	70.940	23.794	08/11/2017	19:47
26	I4671-05				2	Water	0.554	85.500	84.946	28.479	08/11/2017	19:55
27	CCV4			20	1	Water	0.164	59.100	58.936	19.779	08/11/2017	20:02
28	CCB4				1	Water	0.150	0.250	0.100	0.100	08/14/2017	20:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : SO4081117-2

WorkList ID : 101750

Date : 8/11/2017 7:55:16 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4671-01	Sulfate	Cool 4 deg C	WEST04	L41	I01I-054-1	08/08/2017	SM 4500-SO4E
	Water	I4671-02	Sulfate	Cool 4 deg C	WEST04	L41	I03I-054-1	08/08/2017	SM 4500-SO4E
	Water	I4671-03	Sulfate	Cool 4 deg C	WEST04	L41	I04I-054-1	08/08/2017	SM 4500-SO4E
	Water	I4671-04	Sulfate	Cool 4 deg C	WEST04	L41	I05I-054-1	08/08/2017	SM 4500-SO4E
	Water	I4671-05	Sulfate	Cool 4 deg C	WEST04	L41	I06I-054-1	08/08/2017	SM 4500-SO4E

Date/Time 8/11/17 12:30
 Received by: AK
 Relinquished by: AK

Date/Time 8/11/17 18:30
 Received by: AK
 Relinquished by: AK