

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: AMANDEEP

Parameter: Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB95006

Reagent/Standard	Lot/Log #
sulfate ICV 20ppm	WP64112
Sulfate LCS std, 20ppm	WP64114
sulfate 0.0ppm	WP64103
sulfate 5ppm	WP64104
sulfate 10ppm	WP64105
sulfate 30ppm	WP64109
sulfate 40ppm	WP64111
sulfate CCV 20ppm	WP64113
Sulfate Buffer solution A	WP63591
Sulfate std, 15ppm	WP64106
Sulfate std, 35ppm	WP64110
Sulfate std, 25ppm	WP64108
BARIUM CHLORIDE DIHYDRATE ACS 100G	W2210

Intercept: -0.1571

Slope: 2.9901

Regression: 0.999908

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.225	0.346	0.121	05/01/2018	08:46
2	CAL2	5	1	Water	0.210	14.900	14.690	05/01/2018	08:52
3	CAL3	10	1	Water	0.201	29.900	29.699	05/01/2018	08:57
4	CAL4	15	1	Water	0.210	44.000	43.790	05/01/2018	09:04
5	CAL5	20	1	Water	0.206	60.900	60.694	05/01/2018	09:09
6	CAL6	25	1	Water	0.220	74.600	74.380	05/01/2018	09:14
7	CAL7	30	1	Water	0.216	89.900	89.684	05/01/2018	09:19
8	CAL8	35	1	Water	0.231	104.200	103.969	05/01/2018	09:24
9	CAL9	40	1	Water	0.219	120.000	119.781	05/01/2018	09:30



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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	0.287	58.900	58.613	19.655	05/01/2018	09:37
2	ICB				1	Water	0.218	0.342	0.124	0.094	05/01/2018	09:43
3	CCV1			20	1	Water	0.237	59.600	59.363	19.906	05/01/2018	09:50
4	CCB1				1	Water	0.210	0.345	0.135	0.098	05/03/2018	09:56
5	LB95006BL	50	50		1	Water	0.229	0.349	0.120	0.093	05/01/2018	10:02
6	LB95006BS	50	50	20	1	Water	0.284	58.700	58.416	19.589	05/01/2018	10:08
7	J2614-01	50	50		1	Water	3.480	163.000	159.520	53.402	05/01/2018	10:14
8	J2614-01DUP	50	50		1	Water	3.450	161.000	157.550	52.743	05/01/2018	10:19
9	CCV2			20	1	Water	0.281	59.200	58.919	19.757	05/01/2018	10:26
10	CCB2				1	Water	0.216	0.340	0.124	0.094	05/01/2018	10:32
11	J2614-01MS	50	50	20	1	Water	3.680	166.000	162.320	54.338	05/01/2018	10:39
12	J2614-01MSD	50	50	20	1	Water	3.590	167.000	163.410	54.703	05/01/2018	10:45
13	J2614-02	50	50		1	Water	5.990	46.600	40.610	13.634	05/01/2018	10:52
14	J2614-03	50	50		1	Water	1.010	62.300	61.290	20.550	05/01/2018	10:57
15	CCV3			20	1	Water	0.239	58.900	58.661	19.671	05/01/2018	11:05
16	CCB3				1	Water	0.240	0.338	0.098	0.085	05/01/2018	11:12
17	J2614-04	50	50		1	Water	1.080	68.400	67.320	22.567	05/01/2018	11:17
18	J2614-05	50	50		1	Water	3.550	111.000	107.450	35.988	05/01/2018	11:23
19	J2614-06	50	50		1	Water	3.980	83.200	79.220	26.547	05/01/2018	11:29
20	J2614-07	50	50		1	Water	1.460	175.000	173.540	58.091	05/01/2018	11:35
21	CCV4			20	1	Water	0.239	59.600	59.361	19.905	05/01/2018	11:43
22	CCB4				1	Water	0.231	0.346	0.115	0.091	05/01/2018	11:48
23	J2614-08	50	50		1	Water	1.500	261.000	259.500	86.839	05/01/2018	11:56
24	J2614-09	50	50		1	Water	0.787	1.030	0.243	0.134	05/01/2018	12:05
25	J2614-10	50	50		1	Water	0.224	0.667	0.443	0.201	05/01/2018	12:12
26	J2622-01	50	50		1	Water	4.700	192.000	187.300	62.693	05/01/2018	12:17
27	CCV5			20	1	Water	0.231	59.200	58.969	19.774	05/01/2018	12:23
28	CCB5				1	Water	0.211	0.325	0.114	0.091	05/01/2018	12:30
29	J2622-02	50	50		1	Water	1.470	93.200	91.730	30.730	05/01/2018	12:36
30	J2622-03	50	50		1	Water	1.370	85.100	83.730	28.055	05/01/2018	12:42
31	J2622-04	50	50		1	Water	1.450	78.100	76.650	25.687	05/01/2018	12:49
32	J2622-05	50	50		1	Water	1.470	87.700	86.230	28.891	05/01/2018	12:55
33	J2614-01				2	Water	1.990	73.100	71.110	23.834	05/01/2018	13:02
34	J2614-01DUP				2	Water	1.970	72.900	70.930	23.774	05/01/2018	13:08
35	J2614-01MS			20	2	Water	1.800	96.400	94.600	31.690	05/01/2018	13:14
36	J2614-01MSD			20	2	Water	1.780	96.200	94.420	31.630	05/01/2018	13:19
37	J2614-07				2	Water	1.060	105.000	103.940	34.814	05/01/2018	13:26
38	J2614-08				5	Water	0.856	66.800	65.944	22.107	05/01/2018	13:32
39	CCV6			20	1	Water	0.251	59.900	59.649	20.001	05/01/2018	13:38
40	CCB6				1	Water	0.220	0.356	0.136	0.098	05/01/2018	13:45

41	J2622-01				2	Water	3.000	109.000	106.000	35.503	05/01/2018	13:53
42	CCV7			20	1	Water	0.241	60.100	59.859	20.072	05/01/2018	13:58
43	CCB7				1	Water	0.231	0.339	0.108	0.089	05/01/2018	14:05

WORKLIST(Hardcopy Internal Chain)

WB 95006

WorkList Name : SO4042718

WorkList ID : 111372

Date : 4/27/2018 10:52:38 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
05/10/2018	Water	J2614-01	Sulfate	Cool 4 deg C	WEST04	H53	MW9-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-02	Sulfate	Cool 4 deg C	WEST04	H53	MW2S-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-03	Sulfate	Cool 4 deg C	WEST04	H53	MW10M-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-04	Sulfate	Cool 4 deg C	WEST04	H53	MW10M-057-2	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-05	Sulfate	Cool 4 deg C	WEST04	H53	MW10D-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-06	Sulfate	Cool 4 deg C	WEST04	H53	MW11M-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-07	Sulfate	Cool 4 deg C	WEST04	H53	MW11D-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-08	Sulfate	Cool 4 deg C	WEST04	H53	MW4S-057-1	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-09	Sulfate	Cool 4 deg C	WEST04	H53	MW4D-057-3	04/26/2018	SM 4500-SO4E
05/10/2018	Water	J2614-10	Sulfate	Cool 4 deg C	WEST04	H53	MW4D-057-1	04/26/2018	SM 4500-SO4E
05/11/2018	Water	J2622-01	Sulfate	Cool 4 deg C	WEST04	H41	I01I-057-1	04/22/2018	SM 4500-SO4E
05/11/2018	Water	J2622-02	Sulfate	Cool 4 deg C	WEST04	H41	I03I-057-1	04/22/2018	SM 4500-SO4E
05/11/2018	Water	J2622-03	Sulfate	Cool 4 deg C	WEST04	H41	I04I-057-1	04/22/2018	SM 4500-SO4E
05/11/2018	Water	J2622-04	Sulfate	Cool 4 deg C	WEST04	H41	I05I-057-1	04/22/2018	SM 4500-SO4E
05/11/2018	Water	J2622-05	Sulfate	Cool 4 deg C	WEST04	H41	I06I-057-1	04/22/2018	SM 4500-SO4E

Date/Time : 5-1-2018 8:40

Received by: AR

Relinquished by: CP

Date/Time : 5-1-2018 14:30

Received by: CP

Relinquished by: AR