

Analytical Summary Report

Analysis Method: 9038

ANALYST: AMANDEEP

Parameter: Dissolved Sulfate

SUPERVISOR REVIEW BY: apatel

Run Number: LB106503

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP80126
sulfate ICV 20ppm	WP80127
conditioning reagent	WP80133
Sulfate LCS std, 20ppm	WP80128
Sulfate Calibration std, 15ppm	WP80120
Sulfate Calibration std, 25ppm	WP80122
Sulfate Calibration std, 0ppm	WP80117
Sulfate Calibration std, 10ppm	WP80119
Sulfate Calibration std, 20ppm	WP80121
Sulfate Calibration std, 30ppm	WP80123
Sulfate Calibration std, 40ppm	WP80125
Sulfate Calibration std, 5ppm	WP80118
Sulfate Calibration std, 35ppm	WP80124

Intercept: -0.7241

Slope: 3.1786

Regression: 0.998622

Seq	Lab ID	True Val (mg/l)	DF	MATRIX	Initial Reading	Final Reading	Difference	AnalDate	Anal Time
1	CAL1	0	1	Water	0.199	0.326	0.127	11/27/2019	08:30
2	CAL2	5	1	Water	0.201	14.700	14.499	11/27/2019	08:35
3	CAL3	10	1	Water	0.190	34.300	34.110	11/27/2019	08:40
4	CAL4	15	1	Water	0.206	44.900	44.694	11/27/2019	08:47
5	CAL5	20	1	Water	0.198	60.200	60.002	11/27/2019	08:52
6	CAL6	25	1	Water	0.200	81.500	81.300	11/27/2019	08:56
7	CAL7	30	1	Water	0.197	92.500	92.303	11/27/2019	09:02
8	CAL8	35	1	Water	0.199	110.000	109.801	11/27/2019	09:07
9	CAL9	40	1	Water	0.201	129.000	128.799	11/27/2019	09:14



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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	0.216	57.600	57.384	18.281	11/27/2019	09:20
2	ICB				1	Water	0.230	0.352	0.122	0.266	11/27/2019	09:26
3	CCV1			20	1	Water	0.203	59.100	58.897	18.757	11/27/2019	09:32
4	CCB1				1	Water	0.195	0.329	0.134	0.270	11/27/2019	09:37
5	LB106503BL	50	50		1	Water	0.199	0.360	0.161	0.278	11/27/2019	09:43
6	LB106503BS	50	50	20	1	Water	0.198	58.100	57.902	18.444	11/27/2019	09:48
7	K5997-09	50	50		1	Water	0.372	67.400	67.028	21.315	11/27/2019	09:54
8	K5997-10	50	50		1	Water	0.686	251.000	250.314	78.978	11/27/2019	09:59
9	K5997-11	50	50		1	Water	0.310	0.561	0.251	0.307	11/27/2019	10:06
10	K5997-12	50	50		1	Water	1.300	80.400	79.100	25.113	11/27/2019	10:12
11	K5997-13	50	50		1	Water	0.292	64.900	64.608	20.554	11/27/2019	10:19
12	K5997-14	50	50		1	Water	0.447	71.800	71.353	22.676	11/27/2019	10:25
13	K5997-15	50	50		1	Water	0.529	65.900	65.371	20.794	11/27/2019	10:32
14	K5997-16	50	50		1	Water	0.290	95.700	95.410	30.244	11/27/2019	10:38
15	CCV2			20	1	Water	0.219	60.200	59.981	19.098	11/27/2019	10:45
16	CCB2				1	Water	0.214	0.360	0.146	0.274	11/27/2019	10:51
17	K5998-06	50	50		1	Water	0.994	76.500	75.506	23.982	11/27/2019	10:57
18	K5998-07	50	50		1	Water	0.299	100.000	99.701	31.594	11/27/2019	11:03
19	K5998-08	50	50		1	Water	0.469	85.200	84.731	26.885	11/27/2019	11:08
20	K5998-09	50	50		1	Water	0.619	89.700	89.081	28.253	11/27/2019	11:15
21	K5998-10	50	50		1	Water	0.422	117.000	116.578	36.904	11/27/2019	11:22
22	K5998-10DUP	50	50		1	Water	0.415	116.000	115.585	36.591	11/27/2019	11:27
23	K5998-10MS	50	50	20	1	Water	0.430	159.000	158.570	50.115	11/27/2019	11:33
24	K5998-10MSD	50	50	20	1	Water	0.441	162.000	161.559	51.055	11/27/2019	11:38
25	K5997-10				5	Water	0.321	42.900	42.579	13.623	11/27/2019	11:45
26	CCV3			20	1	Water	0.220	59.800	59.580	18.972	11/27/2019	11:50
27	CCB3				1	Water	0.199	0.345	0.146	0.274	11/27/2019	11:52
28	K5998-10MS			20	2	Water	0.216	77.600	77.384	24.573	11/27/2019	11:55
29	CCV4			20	1	Water	0.224	59.800	59.576	18.971	11/27/2019	11:59
30	CCB4				1	Water	0.221	0.351	0.130	0.269	11/27/2019	12:05
31	K5998-10MSD			20	2	Water	0.300	78.900	78.600	24.956	11/27/2019	12:10
32	CCV5			20	1	Water	0.251	60.500	60.249	19.182	11/27/2019	12:16
33	CCB5				1	Water	0.211	0.324	0.113	0.263	11/27/2019	12:22

WORKLIST(Hardcopy Internal Chain)

WorkList Name : DSO411219-2 WorkList ID : 133612 Department : Wet-Chemistry Date : 11-22-2019 09:51:22

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/06/2019	Water	K5997-09	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW4M-063-1	11/22/2019	9038
12/06/2019	Water	K5997-10	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW6-063-1	11/22/2019	9038
12/06/2019	Water	K5997-11	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW8D-063-3	11/22/2019	9038
12/06/2019	Water	K5997-12	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MWP4-063-1	11/22/2019	9038
12/06/2019	Water	K5997-13	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MWP2-063-1	11/22/2019	9038
12/06/2019	Water	K5997-14	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW8M-063-1	11/22/2019	9038
12/06/2019	Water	K5998-10	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	I06I-063-1	11/22/2019	9038
12/06/2019	Water	K5997-15	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW8M-063-2	11/22/2019	9038
12/06/2019	Water	K5997-16	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	MW8D-063-1	11/22/2019	9038
12/06/2019	Water	K5998-06	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	I01I-063-1	11/22/2019	9038
12/06/2019	Water	K5998-07	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	I03I-063-1	11/22/2019	9038
12/06/2019	Water	K5998-08	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	I04I-063-1	11/22/2019	9038
12/06/2019	Water	K5998-09	Dissolved Sulfate	Cool 4 deg C	WEST04	I31	I05I-063-1	11/22/2019	9038

Date/Time 11-22-19 8:07
 Received by: AK
 Relinquished by: CS

Date/Time 11-22-19 12:00
 Received by: CS
 Relinquished by: AK