

Analytical Summary Report

Analysis Method: SM 4500-SO4E

ANALYST: apatel

Parameter: Sulfate

SUPERVISOR REVIEW BY: ketankumar

Run Number: LB115814

Reagent/Standard	Lot/Log #
sulfate CCV 20ppm	WP92481
sulfate ICV 20ppm	WP92482
Sulfate Calibration std, 15ppm	WP92475
Sulfate Calibration std, 25ppm	WP92477
Sulfate Calibration std, 0ppm	WP92472
Sulfate Calibration std, 10ppm	WP92474
Sulfate Calibration std, 20ppm	WP92476
Sulfate Calibration std, 30ppm	WP92478
Sulfate Calibration std, 40ppm	WP92480
Sulfate Calibration std, 5ppm	WP92473
Sulfate Calibration std, 35ppm	WP92479
Sulfate LOQ Std- 5ppm	WP92485
Sulfate Buffer solution A	WP89926
Sulfate LCS std, 20ppm	WP92483
Sulfate LOD std 2.5PPM	WP92484

Intercept: -1.11

Slope: 3.0124

Regression: 0.999769

Seq	Lab ID	True Val (mg/l)	DF	Matrix	Initial Reading	Final Reading	Difference	Result (mg/l)	%D	AnalDate	Anal Time
1	CAL1	0	1	Water	0.223	0.275	0.052	0.386		08/12/2021	12:31
2	CAL2	5	1	Water	0.225	13.400	13.175	4.742	5.2	08/12/2021	12:37
3	CAL3	10	1	Water	0.229	29.100	28.871	9.953	0.5	08/12/2021	12:44
4	CAL4	15	1	Water	0.235	42.700	42.465	14.465	3.6	08/12/2021	12:50
5	CAL5	20	1	Water	0.241	59.700	59.459	20.107	-0.5	08/12/2021	12:55
6	CAL6	25	1	Water	0.261	75.100	74.839	25.212	-0.8	08/12/2021	13:01
7	CAL7	30	1	Water	0.289	90.300	90.011	30.249	-0.8	08/12/2021	13:07
8	CAL8	35	1	Water	0.301	105.000	104.699	35.124	-0.4	08/12/2021	13:13
9	CAL9	40	1	Water	0.321	119.000	118.679	39.765	0.6	08/12/2021	13:18



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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	0.251	57.200	56.949	19.273	08/12/2021	13:24
2	ICB				1	Water	0.226	0.265	0.039	0.381	08/12/2021	13:31
3	CCV1			20	1	Water	0.262	60.100	59.838	20.232	08/12/2021	13:38
4	CCB1				1	Water	0.231	0.273	0.042	0.382	08/12/2021	13:44
5	LB115814BL	50	50		1	Water	0.235	0.278	0.043	0.383	08/12/2021	13:49
6	LB115814BS	50	50	20	1	Water	0.260	57.100	56.840	19.237	08/12/2021	13:55
7	M2940-10	50	50		1	Water	0.229	6.020	5.791	2.291	08/12/2021	14:00
8	M2940-11	50	50		1	Water	0.238	12.600	12.362	4.472	08/12/2021	14:05
9	CCV2			20	1	Water	0.255	59.500	59.245	20.036	08/12/2021	14:11
10	CCB2				1	Water	0.228	0.268	0.040	0.382	08/12/2021	14:16