

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121081

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97938
Calibration Std. hexchrome 0.05 ppm	WP97936
calibration std. hexchrome 0.01 ppm	WP97937
calibration std. hexchrome 0 ppm	WP97941
hexavalent chromium color reagent	WP97820
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP97939
Hexavalent Chromium ICV-LCS Std	WP97940
Calibration and CCV std HexChrome 0.5PPM	WP97934
Calibration std HexChrome 1.0PPM	WP97933

Intercept: -0.0011

Slope: 0.7813

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.09	0.000	0.000	0.000	0.001		07/14/2022	16:05
2	CAL2	0.01	1	100	100		1.79	0.000	0.006	0.006	0.009	10	07/14/2022	16:06
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	0.023	8	07/14/2022	16:07
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	0.050	0	07/14/2022	16:08
5	CAL5	0.1	1	100	100		2.15	0.000	0.078	0.078	0.101	-1	07/14/2022	16:09
6	CAL6	0.5	1	100	100		2.30	0.000	0.390	0.390	0.500	0	07/14/2022	16:10
7	CAL7	1	1	100	100		2.28	0.000	0.780	0.780	0.999	0.1	07/14/2022	16:12

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Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.35	0.000	0.388	0.388	0.498	07/14/2022	16:15
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.001	07/14/2022	16:16
3	CCV1	0.5	1	100	100		2.20	0.000	0.389	0.389	0.499	07/14/2022	16:17
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.001	07/14/2022	16:18
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.012	07/14/2022	16:20
6	LB121081BL		1	100	100		1.82	0.000	0.000	0.000	0.001	07/14/2022	16:21
7	LB121081BS	0.5	1	100	100		2.08	0.000	0.392	0.392	0.503	07/14/2022	16:22
8	N3711-09		1	100	100		2.34	0.004	0.004	0.000	0.001	07/14/2022	16:25
9	N3711-09DU		1	100	100		2.16	0.003	0.003	0.000	0.001	07/14/2022	16:26
10	N3711-09MS	1	2	100	100		2.20	0.002	0.387	0.385	0.494	07/14/2022	16:27
11	N3711-09MS	1	2	100	100		1.74	0.003	0.388	0.385	0.494	07/14/2022	16:28
12	CCV2	0.5	1	100	100		1.92	0.000	0.389	0.389	0.499	07/14/2022	16:29
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.001	07/14/2022	16:30

WORKLIST(Hardcopy Internal Chain)

LB121081

WorkList Name : hex71422 WorkList ID : 161360 Department : Wet-Chemistry Date : 07-14-2022 10:23:21

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/18/2022	Water	N3711-09	N Hexavalent Chromium	Ammonium sul	PSEG03	G11	1-4-TOTES-COMP	07/13/2022	SM3500-Cr B

Date/Time 07/14/22 11:00
 Raw Sample Received by: JS(wc)
 Raw Sample Relinquished by: JM(huc)

Date/Time 07/14/22 16:35
 Raw Sample Received by: JM(huc)
 Raw Sample Relinquished by: JS(wc)