

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: mohammad

Run Number: LB121148

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98028
Calibration Std. hexchrome 0.05 ppm	WP98023
calibration std. hexchrome 0.01 ppm	WP98024
calibration std. hexchrome 0 ppm	WP98025
hexavalent chromium color reagent	WP97968
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98027
Hexavalent Chromium ICV-LCS Std	WP98026
Calibration and CCV std HexChrome 0.5PPM	WP98022
Calibration std HexChrome 1.0PPM	WP98021

Intercept: -0.0005

Slope: 0.7818

Regression: 0.999998

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		2.08	0.000	0.000	0.000	0.000		07/20/2022	17:05
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	07/20/2022	17:06
3	CAL3	0.025	1	100	100		1.79	0.000	0.018	0.018	0.023	8	07/20/2022	17:07
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	0.050	0	07/20/2022	17:08
5	CAL5	0.1	1	100	100		2.30	0.000	0.078	0.078	0.100	0	07/20/2022	17:09
6	CAL6	0.5	1	100	100		2.15	0.000	0.391	0.391	0.500	0	07/20/2022	17:10
7	CAL7	1	1	100	100		2.05	0.000	0.781	0.781	0.999	0.1	07/20/2022	17:11

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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		2.10	0.000	0.390	0.390	0.499	07/20/2022	17:15
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	07/20/2022	17:16
3	CCV1	0.5	1	100	100		2.25	0.000	0.389	0.389	0.498	07/20/2022	17:17
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	07/20/2022	17:18
5	RL Check	0.01	1	100	100		1.95	0.000	0.008	0.008	0.011	07/20/2022	17:19
6	LB121148BL		1	100	100		1.82	0.000	0.000	0.000	0.001	07/20/2022	17:20
7	LB121148BS	0.5	1	100	100		2.08	0.000	0.387	0.387	0.496	07/20/2022	17:21
8	N3806-02		1	100	100		2.30	0.003	0.003	0.000	0.001	07/20/2022	17:22
9	N3806-02DU		1	100	100		2.14	0.002	0.003	0.001	0.002	07/20/2022	17:23
10	N3806-02MS	1	2	100	100		2.28	0.002	0.380	0.378	0.484	07/20/2022	17:24
11	N3806-02MS	1	2	100	100		1.88	0.003	0.378	0.375	0.480	07/20/2022	17:25
12	CCV2	0.5	1	100	100		1.76	0.000	0.382	0.382	0.489	07/20/2022	17:26
13	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.001	07/20/2022	17:28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX72022-1 WorkList ID : 161521 Department : Wet-Chemistry Date : 07-20-2022 16:31:46

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
07/25/2022	Water	N3806-02	Hexavalent Chromium	Ammonium sul	PSEG03	FRAC-TANK-N48964		07/20/2022	SM3500-Cr B

Date/Time 07/20/22 16:35
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: gmc

Date/Time 07/20/22 17:35
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: KS(wc)