



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116956

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93561
Calibration Std. hexchrome 0.05 ppm	WP93562
calibration std. hexchrome 0.01 ppm	WP93563
calibration std. hexchrome 0 ppm	WP93564
hexavalent chromium color reagent	WP93463
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93566
Hexavalent Chromium ICV-LCS Std	WP93565
Calibration and CCV std HexChrome 0.5PPM	WP93560
Calibration std HexChrome 1.0PPM	WP93559

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		2.08	0.000	0.000	0.000	0.001		10/21/2021	17:40
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.009	10	10/21/2021	17:41
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	10/21/2021	17:42
4	CAL4	0.05	1	100	100		2.14	0.000	0.038	0.038	0.050	0	10/21/2021	17:43
5	CAL5	0.1	1	100	100		2.35	0.000	0.078	0.078	0.101	-1	10/21/2021	17:44
6	CAL6	0.5	1	100	100		2.26	0.000	0.390	0.390	0.500	0	10/21/2021	17:45
7	CAL7	1	1	100	100		1.96	0.000	0.780	0.780	0.999	0.1	10/21/2021	17:46

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pH Meter ID: WC pH Meter-1

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	0.501	10/21/2021	17:50
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	10/21/2021	17:51
3	CCV1	0.5	1	100	100		2.25	0.000	0.388	0.388	0.498	10/21/2021	17:52
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.001	10/21/2021	17:53
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.012	10/21/2021	17:54
6	lb116956BL		1	100	100		1.95	0.000	0.000	0.000	0.001	10/21/2021	17:55
7	lb116956BS	0.5	1	100	100		2.08	0.000	0.392	0.392	0.503	10/21/2021	17:56
8	M4313-07		1	100	100		2.15	0.004	0.004	0.000	0.001	10/21/2021	17:58
9	M4313-07DU		1	100	100		2.35	0.003	0.003	0.000	0.001	10/21/2021	17:59
10	M4313-07MS	1	2	100	100		2.28	0.003	0.375	0.372	0.478	10/21/2021	18:00
11	M4313-07MS	1	2	100	100		2.30	0.004	0.376	0.372	0.478	10/21/2021	18:01
12	CCV2	0.5	1	100	100		2.24	0.000	0.385	0.385	0.494	10/21/2021	18:02
13	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.001	10/21/2021	18:03

WORKLIST(Hardcopy Internal Chain)

LB116956

WorkList Name : hex102121 WorkList ID : 153529 Department : Wet-Chemistry Date : 10-21-2021 17:24:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/26/2021	Water	M4313-07	☒ Hexavalent Chromium	Ammonium sul	PSEG03	D41	1-3-TOTES	10/21/2021	SM3500-Cr B

Date/Time 10/21/21 17:25
Raw Sample Received by: KS(WC)
Raw Sample Relinquished by: P.C. COIG (G.B)

Date/Time 10/21/21 18:05
Raw Sample Received by: P.C. COIG (G.B)
Raw Sample Relinquished by: KS(WC)