



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117075

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93663
Calibration Std. hexchrome 0.05 ppm	WP93664
calibration std. hexchrome 0.01 ppm	WP93665
calibration std. hexchrome 0 ppm	WP93666
hexavalent chromium color reagent	WP93595
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93668
Hexavalent Chromium ICV-LCS Std	WP93667
Calibration and CCV std HexChrome 0.5PPM	WP93662
Calibration std HexChrome 1.0PPM	WP93661

Intercept: -0.0004

Slope: 0.7825

Regression: 0.999997

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		10/28/2021	13:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.009	10	10/28/2021	13:16
3	CAL3	0.025	1	100	100		1.74	0.000	0.018	0.018	0.023	8	10/28/2021	13:17
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	0.050	0	10/28/2021	13:18
5	CAL5	0.1	1	100	100		2.14	0.000	0.079	0.079	0.101	-1	10/28/2021	13:19
6	CAL6	0.5	1	100	100		2.30	0.000	0.391	0.391	0.500	0	10/28/2021	13:20
7	CAL7	1	1	100	100		2.25	0.000	0.782	0.782	0.999	0.1	10/28/2021	13:21



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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	0.499	10/28/2021	13:25
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	10/28/2021	13:26
3	CCV1	0.5	1	100	100		1.97	0.000	0.389	0.389	0.498	10/28/2021	13:27
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.001	10/28/2021	13:28
5	RL Check	0.01	1	100	100		1.85	0.000	0.008	0.008	0.011	10/28/2021	13:29
6	lb117075BL		1	100	100		1.95	0.000	0.000	0.000	0.001	10/28/2021	13:30
7	lb117075BS	0.5	1	100	100		1.74	0.000	0.395	0.395	0.505	10/28/2021	13:31
8	M4392-01		1	100	100		2.30	0.002	0.002	0.000	0.001	10/28/2021	13:32
9	M4392-01DU		1	100	100		2.41	0.001	0.001	0.000	0.001	10/28/2021	13:33
10	M4392-01MS	1	2	100	100		2.25	0.002	0.390	0.388	0.496	10/28/2021	13:34
11	M4392-01MS	1	2	100	100		2.07	0.001	0.391	0.390	0.499	10/28/2021	13:35
12	CCV2	0.5	1	100	100		2.15	0.000	0.392	0.392	0.501	10/28/2021	13:36
13	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.001	10/28/2021	13:37

WORKLIST(Hardcopy Internal Chain)

LB117075

WorkList Name : hex102821 WorkList ID : 153751 Department : Wet-Chemistry Date : 10-28-2021 12:26:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/02/2021	Water	M4392-01	✓ Hexavalent Chromium	Ammonium sul	PSEG03	K11	N41924	10/28/2021	SM3500-Cr B

Date/Time 10/28/21 12:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RC CD'S-Lab

Date/Time 10/28/21 13:40
 Raw Sample Received by: RC CD'S-Lab
 Raw Sample Relinquished by: KS (WC)