

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117056

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP93651
Calibration Std. hexchrome 0.05 ppm	WP93652
calibration std. hexchrome 0.01 ppm	WP93653
calibration std. hexchrome 0 ppm	WP93654
hexavalent chromium color reagent	WP93595
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP93655
Hexavalent Chromium ICV-LCS Std	WP93656
Calibration and CCV std HexChrome 0.5PPM	WP93650
Calibration std HexChrome 1.0PPM	WP93649

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		2.10	0.000	0.000	0.000	0.000		10/27/2021	16:05
2	CAL2	0.01	1	100	100		2.08	0.000	0.007	0.007	0.009	10	10/27/2021	16:06
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	8	10/27/2021	16:07
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	0.050	0	10/27/2021	16:08
5	CAL5	0.1	1	100	100		1.92	0.000	0.079	0.079	0.101	-1	10/27/2021	16:10
6	CAL6	0.5	1	100	100		2.30	0.000	0.391	0.391	0.500	0	10/27/2021	16:12
7	CAL7	1	1	100	100		2.14	0.000	0.782	0.782	0.999	0.1	10/27/2021	16:15



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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		2.15	0.000	0.392	0.392	0.501	10/27/2021	16:16
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.001	10/27/2021	16:18
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.499	10/27/2021	16:20
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.001	10/27/2021	16:22
5	RL Check	0.01	1	100	100		1.78	0.000	0.008	0.008	0.011	10/27/2021	16:25
6	lb117056BL		1	100	100		1.95	0.000	0.000	0.000	0.001	10/27/2021	16:26
7	lb117056BS	0.5	1	100	100		2.09	0.000	0.398	0.398	0.509	10/27/2021	16:27
8	M4390-01		1	100	100		2.34	0.002	0.002	0.000	0.001	10/27/2021	16:28
9	M4390-01DU		1	100	100		2.14	0.003	0.003	0.000	0.001	10/27/2021	16:29
10	M4390-01MS	1	2	100	100		2.20	0.002	0.389	0.387	0.495	10/27/2021	16:30
11	M4390-01MS	1	2	100	100		1.88	0.000	0.390	0.390	0.499	10/27/2021	16:31
12	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.500	10/27/2021	16:32
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.001	10/27/2021	16:33

WORKLIST(Hardcopy Internal Chain)

LB117056

WorkList Name : hex102721-1 WorkList ID : 153719 Department : Wet-Chemistry Date : 10-27-2021 14:46:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/03/2021	Water	M4390-01	Hexavalent Chromium	Ammonium sul	PSEG03	K11	FRAC-COMP	10/27/2021	SM3500-Cr B

Date/Time 10/27/21 15:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RECDig Lab

Date/Time 10/27/21 16:40
 Raw Sample Received by: RECDig Lab
 Raw Sample Relinquished by: KS (WC)