

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115925

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92593
Calibration Std. hexchrome 0.05 ppm	WP92594
calibration std. hexchrome 0.01 ppm	WP92595
calibration std. hexchrome 0 ppm	WP92597
hexavalent chromium color reagent	WP92562
0.2N SULFURIC ACID	WP91740
Calibration Std Hexachrome 0.025 ppm	WP92596
Hexavalent Chromium ICV-LCS Std	WP92598
Calibration and CCV std HexChrome 0.5PPM	WP92592
Calibration std HexChrome 1.0PPM	WP92591

Intercept: -0.0011

Slope: 0.7822

Regression: 0.999996

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		2.15	0.000	0.000	0.000	0.001		08/18/2021	16:40
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.009	10	08/18/2021	16:41
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	0.023	8	08/18/2021	16:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	08/18/2021	16:43
5	CAL5	0.1	1	100	100		2.19	0.000	0.078	0.078	0.101	-1	08/18/2021	16:44
6	CAL6	0.5	1	100	100		2.34	0.000	0.390	0.390	0.5	0	08/18/2021	16:45
7	CAL7	1	1	100	100		2.25	0.000	0.781	0.781	0.999	0.1	08/18/2021	16:46



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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		2.16	0.000	0.389	0.389	0.499	08/18/2021	16:50
2	ICB		1	100	100		2.34	0.000	0.000	0.000	0.001	08/18/2021	16:51
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.500	08/18/2021	16:52
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.001	08/18/2021	16:53
5	RL Check	0.01	1	100	100		1.79	0.000	0.008	0.008	0.012	08/18/2021	16:55
6	lb115925BL		1	100	100		1.95	0.000	0.000	0.000	0.001	08/18/2021	16:56
7	lb115925BS	0.5	1	100	100		2.08	0.000	0.401	0.401	0.514	08/18/2021	16:57
8	M3475-01		1	100	100		1.74	0.002	0.002	0.000	0.001	08/18/2021	16:58
9	M3475-01DU		1	100	100		1.85	0.001	0.001	0.000	0.001	08/18/2021	16:59
10	M3475-01MS	1	2	100	100		2.30	0.002	0.380	0.378	0.485	08/18/2021	17:00
11	M3475-01MS	1	2	100	100		2.24	0.001	0.381	0.380	0.487	08/18/2021	17:01
12	CCV2	0.5	1	100	100		2.18	0.000	0.388	0.388	0.497	08/18/2021	17:03
13	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.001	08/18/2021	17:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex81821 WorkList ID : 151566 Department : Wet-Chemistry Date : 08-18-2021 16:09:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/23/2021	Water	M3475-01 P	Hexavalent Chromium	Ammonium sul	PSEG03	E11	N5868-N34145	08/18/2021	SM3500-Cr B

Date/Time 08/18/21 16:10
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RC Digestion Lab

Date/Time 08/18/21 15:10
 Raw Sample Received by: RC Digestion Lab
 Raw Sample Relinquished by: KS (WC)