

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115831

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92505
Calibration Std. hexchrome 0.05 ppm	WP92506
calibration std. hexchrome 0.01 ppm	WP92507
calibration std. hexchrome 0 ppm	WP92509
hexavalent chromium color reagent	WP92459
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92508
Hexavalent Chromium ICV-LCS Std	WP92510
Calibration and CCV std HexChrome 0.5PPM	WP92504
Calibration std HexChrome 1.0PPM	WP92503

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.28	0.000	0.000	0.000	0.000		08/13/2021	08:35
2	CAL2	0.01	1	100	100		2.10	0.000	0.006	0.006	0.008	20	08/13/2021	08:36
3	CAL3	0.025	1	100	100		2.35	0.000	0.018	0.018	0.023	8	08/13/2021	08:37
4	CAL4	0.05	1	100	100		2.35	0.000	0.038	0.038	0.049	2	08/13/2021	08:38
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	0.102	-2	08/13/2021	08:39
6	CAL6	0.5	1	100	100		2.25	0.000	0.390	0.390	0.500	0	08/13/2021	08:40
7	CAL7	1	1	100	100		2.34	0.000	0.780	0.780	0.999	0.1	08/13/2021	08:41



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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		2.09	0.000	0.391	0.391	0.502	08/13/2021	08:42
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	08/13/2021	08:43
3	CCV1	0.5	1	100	100		1.74	0.000	0.385	0.385	0.494	08/13/2021	08:44
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	08/13/2021	08:45
5	RL Check	0.01	1	100	100		2.18	0.000	0.008	0.008	0.011	08/13/2021	08:46
6	lb115831BL		1	100	100		2.34	0.000	0.000	0.000	0.001	08/13/2021	08:47
7	lb115831BS	0.5	1	100	100		2.28	0.000	0.409	0.409	0.525	08/13/2021	08:48
8	M3391-01		1	100	100		1.98	0.003	0.003	0.000	0.001	08/13/2021	08:49
9	M3391-01DU		1	100	100		1.74	0.002	0.002	0.000	0.001	08/13/2021	08:50
10	M3391-01MS	1	2	100	100		2.36	0.002	0.412	0.410	0.526	08/13/2021	08:51
11	M3391-01MS	1	2	100	100		2.21	0.003	0.413	0.410	0.526	08/13/2021	08:52
12	CCV2	0.5	1	100	100		2.14	0.000	0.387	0.387	0.496	08/13/2021	08:53
13	CCB2		1	100	100		2.08	0.000	0.000	0.000	0.001	08/13/2021	08:54

LB 115831

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex81321 WorkList ID : 151399 Department : Wet-Chemistry Date : 08-13-2021 08:10:20

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
08/19/2021	Water	M3391-01	Hexavalent Chromium	Ammonium sul	PSEG03	D51	FRAC-TANK-F06031	08/12/2021	7196A

Date/Time 08/13/21 08:12
Raw Sample Received by: KS (WC)
Raw Sample Relinquished by: KS (WC)

Date/Time 08/13/21 09:08
Raw Sample Received by: JH (WC)
Raw Sample Relinquished by: KS (WC)