

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117953

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94519
Calibration Std. hexchrome 0.05 ppm	WP94520
calibration std. hexchrome 0.01 ppm	WP94521
calibration std. hexchrome 0 ppm	WP94522
hexavalent chromium color reagent	WP94515
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94524
Hexavalent Chromium ICV-LCS Std	WP94523
Calibration and CCV std HexChrome 0.5PPM	WP94518
Calibration std HexChrome 1.0PPM	WP94517

Intercept: 0.0005

Slope: 0.7795

Regression: 0.999996

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		2.15	0.000	0.000	0.000	-0.00		12/23/2021	11:05
2	CAL2	0.01	1	100	100		2.35	0.000	0.008	0.008	0.009	10	12/23/2021	11:06
3	CAL3	0.025	1	100	100		2.20	0.000	0.019	0.019	0.023	8	12/23/2021	11:07
4	CAL4	0.05	1	100	100		1.88	0.000	0.040	0.040	0.050	0	12/23/2021	11:08
5	CAL5	0.1	1	100	100		1.74	0.000	0.080	0.080	0.101	-1	12/23/2021	11:09
6	CAL6	0.5	1	100	100		1.95	0.000	0.390	0.390	0.499	0.2	12/23/2021	11:10
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	1	0	12/23/2021	11:12

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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	0.388	0.388	0.497	12/23/2021	11:15
2	ICB		1	100	100		2.36	0.000	0.000	0.000	-0.001	12/23/2021	11:16
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.500	12/23/2021	11:17
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	-0.001	12/23/2021	11:18
5	RL Check	0.01	1	100	100		1.88	0.000	0.008	0.008	0.010	12/23/2021	11:20
6	LB117953BL		1	100	100		1.74	0.000	0.000	0.000	-0.001	12/23/2021	11:21
7	LB117953BS	0.5	1	100	100		1.98	0.000	0.391	0.391	0.501	12/23/2021	11:22
8	M5219-01		1	100	100		1.88	0.002	0.002	0.000	-0.001	12/23/2021	11:23
9	M5219-01DU		1	100	100		1.75	0.001	0.001	0.000	-0.001	12/23/2021	11:24
10	M5219-01MS	1	2	100	100		1.95	0.002	0.388	0.386	0.495	12/23/2021	11:25
11	M5219-01MS	1	2	100	100		2.08	0.001	0.389	0.388	0.497	12/23/2021	11:26
12	CCV2	0.5	1	100	100		2.10	0.000	0.387	0.387	0.496	12/23/2021	11:28
13	CCB2		1	100	100		2.34	0.000	0.000	0.000	-0.001	12/23/2021	11:30

WORKLIST(Hardcopy Internal Chain)

LB 117953

WorkList Name : hex122321-1 WorkList ID : 155495 Department : Wet-Chemistry Date : 12-23-2021 10:29:12

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/27/2021	Water	M5219-01	Hexavalent Chromium	Ammonium sul	PSEG03	H11	M21013-N48854-1040	12/22/2021	7196A

Date/Time 12/23/21 10:35
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: RJ (EZF) (WC)

Date/Time 12/23/21 11:35
 Raw Sample Received by: RJ (EZF) (WC)
 Raw Sample Relinquished by: KS (WC)