

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118194

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94791
Calibration Std. hexchrome 0.05 ppm	WP94792
calibration std. hexchrome 0.01 ppm	WP94793
calibration std. hexchrome 0 ppm	WP94795
hexavalent chromium color reagent	WP94677
5N sulfuric acid	WP93692
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94794
Hexavalent Chromium ICV-LCS Std	WP94796
Calibration and CCV std HexChrome 0.5PPM	WP94790
Calibration std HexChrome 1.0PPM	WP94789

Intercept: 0.0008

Slope: 0.7847

Regression: 0.999995

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	-0.00		01/12/2022	15:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	0.009	10	01/12/2022	15:51
3	CAL3	0.025	1	100	100		1.74	0.000	0.020	0.020	0.024	4	01/12/2022	15:52
4	CAL4	0.05	1	100	100		1.96	0.000	0.040	0.040	0.049	2	01/12/2022	15:53
5	CAL5	0.1	1	100	100		2.35	0.000	0.081	0.081	0.102	-2	01/12/2022	15:55
6	CAL6	0.5	1	100	100		2.14	0.000	0.394	0.394	0.501	-0.2	01/12/2022	15:56
7	CAL7	1	1	100	100		2.20	0.000	0.785	0.785	0.999	0.1	01/12/2022	15:57

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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		1.98	0.000	0.392	0.392	0.499	01/12/2022	16:02
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	01/12/2022	16:03
3	CCV1	0.5	1	100	100		1.82	0.000	0.390	0.390	0.496	01/12/2022	16:05
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	-0.001	01/12/2022	16:06
5	RL Check	0.01	1	100	100		2.15	0.000	0.008	0.008	0.009	01/12/2022	16:07
6	LB118194BL		1	100	100		2.34	0.000	0.000	0.000	-0.001	01/12/2022	16:10
7	LB118194BS	0.5	1	100	100		2.20	0.000	0.395	0.395	0.502	01/12/2022	16:12
8	N1113-01		1	100	100		2.15	0.004	0.004	0.000	-0.001	01/12/2022	16:15
9	N1113-01DU		1	100	100		2.34	0.003	0.003	0.000	-0.001	01/12/2022	16:16
10	N1113-01MS	1	2	100	100		2.28	0.003	0.401	0.398	0.506	01/12/2022	16:17
11	N1113-01MS	1	2	100	100		2.30	0.004	0.399	0.395	0.502	01/12/2022	16:18
12	N1113-02		1	100	100		1.87	0.002	0.002	0.000	-0.001	01/12/2022	16:20
13	CCV2	0.5	1	100	100		1.79	0.000	0.389	0.389	0.495	01/12/2022	16:21
14	CCB2		1	100	100		1.85	0.000	0.000	0.000	-0.001	01/12/2022	16:22

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex11222 WorkList ID : 155960 Department : Wet-Chemistry Date : 01-12-2022 15:21:43

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/25/2022	Water	N1113-01	Hexavalent Chromium	Ammonium sul	AQUA04	I21	20220012-KEANSBURG-	01/10/2022	7196A
01/25/2022	Water	N1113-02	Hexavalent Chromium	Ammonium sul	AQUA04	I21	20220013-KEANSBURG-	01/10/2022	7196A

Date/Time 01/12/22 15:25
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: 12(wc)

Date/Time 01/12/22 16:30
 Raw Sample Received by: 12(wc)
 Raw Sample Relinquished by: KS(wc)