

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118309

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94900
Calibration Std. hexchrome 0.05 ppm	WP94901
calibration std. hexchrome 0.01 ppm	WP94902
calibration std. hexchrome 0 ppm	WP94904
hexavalent chromium color reagent	WP94876
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94903
Hexavalent Chromium ICV-LCS Std	WP94905
Calibration and CCV std HexChrome 0.5PPM	WP94899
Calibration std HexChrome 1.0PPM	WP94898

Intercept: 0.0005

Slope: 0.7844

Regression: 0.99999

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		2.20	0.000	0.000	0.000	-0.00		01/20/2022	15:40
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	0.008	20	01/20/2022	15:41
3	CAL3	0.025	1	100	100		1.76	0.000	0.019	0.019	0.023	8	01/20/2022	15:42
4	CAL4	0.05	1	100	100		1.92	0.000	0.040	0.040	0.050	0	01/20/2022	15:43
5	CAL5	0.1	1	100	100		2.08	0.000	0.081	0.081	0.102	-2	01/20/2022	15:44
6	CAL6	0.5	1	100	100		2.30	0.000	0.394	0.394	0.501	-0.2	01/20/2022	15:45
7	CAL7	1	1	100	100		1.88	0.000	0.784	0.784	0.998	0.2	01/20/2022	15:46



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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		1.79	0.000	0.390	0.390	0.497	01/20/2022	15:50
2	ICB		1	100	100		1.95	0.000	0.000	0.000	-0.001	01/20/2022	15:51
3	CCV1	0.5	1	100	100		1.85	0.000	0.392	0.392	0.499	01/20/2022	15:52
4	CCB1		1	100	100		2.30	0.000	0.000	0.000	-0.001	01/20/2022	15:53
5	RL Check	0.01	1	100	100		2.15	0.000	0.008	0.008	0.010	01/20/2022	15:55
6	lb118309BL		1	100	100		2.28	0.000	0.000	0.000	-0.001	01/20/2022	15:56
7	lb118309BS	0.5	1	100	100		2.34	0.000	0.403	0.403	0.513	01/20/2022	15:57
8	N1210-02		1	100	100		2.15	0.003	0.003	0.000	-0.001	01/20/2022	15:58
9	N1210-02DU		1	100	100		2.09	0.002	0.002	0.000	-0.001	01/20/2022	16:00
10	N1210-02MS	1	2	100	100		1.88	0.003	0.406	0.403	0.513	01/20/2022	16:02
11	N1210-02MS	1	2	100	100		1.95	0.002	0.405	0.403	0.513	01/20/2022	16:03
12	N1210-08		1	100	100		1.74	0.001	0.001	0.000	-0.001	01/20/2022	16:04
13	CCV2	0.5	1	100	100		2.30	0.000	0.385	0.385	0.490	01/20/2022	16:05
14	CCB2		1	100	100		2.15	0.000	0.000	0.000	-0.001	01/20/2022	16:06

WORKLIST(Hardcopy Internal Chain)

LB118309

WorkList Name : hex12022 WorkList ID : 156179 Department : Wet-Chemistry Date : 01-20-2022 14:53:58

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/03/2022	Water	N1210-02	Hexavalent Chromium	Ammonium sul	AQUA04	D11	20220030-KEANSBURG-	01/19/2022	7196A
02/03/2022	Water	N1210-08	Hexavalent Chromium	Ammonium sul	AQUA04	D11	20220030-KEANSBURG-	01/19/2022	7196A

Date/Time 01/20/22 14:55
 Raw Sample Received by: KS (wc)
 Raw Sample Relinquished by: JS (wc)

Date/Time 01/20/22 16:10
 Raw Sample Received by: JS (wc)
 Raw Sample Relinquished by: JS (wc)