

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119819

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96428
Calibration Std. hexchrome 0.05 ppm	WP96429
calibration std. hexchrome 0.01 ppm	WP96430
calibration std. hexchrome 0 ppm	WP96431
hexavalent chromium color reagent	WP96433
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568
Calibration Std Hexachrome 0.025 ppm	WP96434
Hexavalent Chromium ICV-LCS Std	WP96432
Calibration and CCV std HexChrome 0.5PPM	WP96427
Calibration std HexChrome 1.0PPM	WP96426

Intercept: 0.0005

Slope: 0.782

Regression: 0.999991

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		2.08	0.000	0.000	0.000	-0.00		04/25/2022	13:05
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	04/25/2022	13:06
3	CAL3	0.025	1	100	100		1.96	0.000	0.019	0.019	0.023	8	04/25/2022	13:07
4	CAL4	0.05	1	100	100		1.74	0.000	0.040	0.040	0.050	0	04/25/2022	13:08
5	CAL5	0.1	1	100	100		2.15	0.000	0.081	0.081	0.102	-2	04/25/2022	13:09
6	CAL6	0.5	1	100	100		2.36	0.000	0.392	0.392	0.500	0	04/25/2022	13:10
7	CAL7	1	1	100	100		2.25	0.000	0.782	0.782	0.999	0.1	04/25/2022	13:11

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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	0.391	0.391	0.499	04/25/2022	13:15
2	ICB		1	100	100		2.34	0.000	0.000	0.000	-0.001	04/25/2022	13:16
3	CCV1	0.5	1	100	100		2.25	0.000	0.389	0.389	0.497	04/25/2022	13:17
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	-0.001	04/25/2022	13:18
5	RL Check	0.01	1	100	100		1.75	0.000	0.008	0.008	0.010	04/25/2022	13:20
6	lb119819BL		1	100	100		1.85	0.000	0.000	0.000	-0.001	04/25/2022	13:21
7	lb119819BS	0.5	1	100	100		2.09	0.000	0.402	0.402	0.513	04/25/2022	13:22
8	N2550-01		1	100	100		1.79	0.000	0.000	0.000	-0.001	04/25/2022	13:23
9	N2550-01DU		1	100	100		1.98	0.000	0.000	0.000	-0.001	04/25/2022	13:25
10	N2550-01MS	1	2	100	100		2.30	0.000	0.400	0.400	0.511	04/25/2022	13:24
11	N2550-01MS	1	2	100	100		2.15	0.000	0.399	0.399	0.510	04/25/2022	13:25
12	N2550-02		1	100	100		2.20	0.001	0.001	0.000	-0.001	04/25/2022	13:26
13	N2551-01		1	100	100		1.87	0.002	0.002	0.000	-0.001	04/25/2022	13:27
14	N2551-02		1	100	100		1.92	0.003	0.003	0.000	-0.001	04/25/2022	13:28
15	N2551-03		1	100	100		1.82	0.002	0.002	0.000	-0.001	04/25/2022	13:29
16	CCV2	0.5	1	100	100		2.34	0.000	0.401	0.401	0.512	04/25/2022	13:30
17	CCB2		1	100	100		2.16	0.000	0.000	0.000	-0.001	04/25/2022	13:31
18	N2551-04		1	100	100		2.28	0.001	0.001	0.000	-0.001	04/25/2022	13:32
19	CCV3	0.5	1	100	100		2.30	0.000	0.398	0.398	0.508	04/25/2022	13:33
20	CCB3		1	100	100		2.15	0.000	0.000	0.000	-0.001	04/25/2022	13:34

WORKLIST(Hardcopy Internal Chain)

LB119819

WorkList Name : hex42522 WorkList ID : 158957 Department : Wet-Chemistry Date : 04-25-2022 10:14:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/02/2022	Water	N2550-01	☒ Hexavalent Chromium	Ammonium sul	DIST01	P11	PUMP-STATION-207ST-TRAIN-FACILITY	04/23/2022	7196A
05/02/2022	Water	N2550-02	☒ Hexavalent Chromium	Ammonium sul	DIST01	P11	DYCKMAN-200ST-A51515T50SB	04/23/2022	7196A
05/02/2022	Water	N2551-01	☒ Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220375-096-21-01-ELUTRIATE	04/21/2022	7196A
05/02/2022	Water	N2551-02	☒ Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220376-096-21-02-ELUTRIATE	04/21/2022	7196A
05/02/2022	Water	N2551-03	☒ Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220377-096-21-03-ELUTRIATE	04/21/2022	7196A
05/02/2022	Water	N2551-04	☒ Hexavalent Chromium	Ammonium sul	AQUA04	P11	20220378-098-21-01-ELUTRIATE	04/21/2022	7196A

Date/Time 04/25/22 12:40
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: QJ sm

Date/Time 04/25/22 13:45
 Raw Sample Received by: JD (wc)
 Raw Sample Relinquished by: KS(wc)