

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118668

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP95293
Calibration Std. hexchrome 0.05 ppm	WP95294
calibration std. hexchrome 0.01 ppm	WP95295
calibration std. hexchrome 0 ppm	WP95297
hexavalent chromium color reagent	WP95244
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP95296
Hexavalent Chromium ICV-LCS Std	WP95298
Calibration and CCV std HexChrome 0.5PPM	WP95292
Calibration std HexChrome 1.0PPM	WP95291

Intercept: 0.0003

Slope: 0.7821

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		2.15	0.000	0.001	0.001	0.000		02/14/2022	13:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	02/14/2022	13:51
3	CAL3	0.025	1	100	100		1.74	0.000	0.019	0.019	0.023	8	02/14/2022	13:52
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	0.049	2	02/14/2022	13:53
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	0.101	-1	02/14/2022	13:54
6	CAL6	0.5	1	100	100		2.30	0.000	0.392	0.392	0.500	0	02/14/2022	13:55
7	CAL7	1	1	100	100		2.16	0.000	0.782	0.782	0.999	0.1	02/14/2022	13:56

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Run Number: LB118668

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	0.393	0.393	0.502	02/14/2022	14:02
2	ICB		1	100	100		2.35	0.000	0.002	0.002	0.002	02/14/2022	14:03
3	CCV1	0.5	1	100	100		2.08	0.000	0.391	0.391	0.500	02/14/2022	14:04
4	CCB1		1	100	100		1.84	0.000	0.001	0.001	0.001	02/14/2022	14:05
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.010	02/14/2022	14:06
6	LB118668BL		1	100	100		1.85	0.000	0.001	0.001	0.001	02/14/2022	14:07
7	LB118668BS	0.5	1	100	100		2.14	0.000	0.404	0.404	0.516	02/14/2022	14:08
8	N1513-01		1	100	100		2.34	0.000	0.000	0.000	0.000	02/14/2022	14:09
9	N1513-02		1	100	100		2.25	0.002	0.002	0.000	0.000	02/14/2022	14:10
10	N1513-02DU		1	100	100		1.88	0.003	0.003	0.000	0.000	02/14/2022	14:11
11	N1513-02MS	1	2	100	100		1.74	0.002	0.403	0.401	0.512	02/14/2022	14:12
12	N1513-02MS	1	2	100	100		1.92	0.003	0.402	0.399	0.510	02/14/2022	14:13
13	N1513-03		1	100	100		2.18	0.003	0.003	0.000	0.000	02/14/2022	14:14
14	N1513-04		1	100	100		2.34	0.003	0.004	0.001	0.001	02/14/2022	14:15
15	N1513-05		1	100	100		2.28	0.005	0.005	0.000	0.000	02/14/2022	14:16
16	CCV2	0.5	1	100	100		2.14	0.000	0.394	0.394	0.503	02/14/2022	14:17
17	CCB2		1	100	100		2.30	0.000	0.001	0.001	0.001	02/14/2022	14:18
18	N1513-06		1	100	100		1.88	0.004	0.005	0.001	0.001	02/14/2022	14:19
19	N1513-07		1	100	100		1.74	0.003	0.003	0.000	0.000	02/14/2022	14:20
20	N1530-01		1	100	100		1.92	0.000	0.000	0.000	0.000	02/14/2022	14:21
21	CCV3	0.5	1	100	100		2.08	0.000	0.392	0.392	0.501	02/14/2022	14:22
22	CCB3		1	100	100		2.15	0.000	0.000	0.000	0.000	02/14/2022	14:22

WORKLIST(Hardcopy Internal Chain)

LB 118668

WorkList Name : HEX21422

WorkList ID : 156836

Department : Wet-Chemistry

Date : 02-14-2022 13:16:26

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/25/2022	Water	N1513-01	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220097-FIELD-BLANK-2	02/09/2022	7196A
02/25/2022	Water	N1513-02	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220066-096-21-SITE-WATER	02/09/2022	7196A
02/25/2022	Water	N1513-03	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220067-097-21-SITE-WATER	02/09/2022	7196A
02/25/2022	Water	N1513-04	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220068-098-21-SITE-WATER	02/09/2022	7196A
02/25/2022	Water	N1513-05	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220069-101-21-SITE-WATER	02/09/2022	7196A
02/25/2022	Water	N1513-06	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220070-102-21-SITE-WATER	02/09/2022	7196A
02/25/2022	Water	N1513-07	Hexavalent Chromium	Ammonium sul	AQUA04	M11	20220071-103-21-SITE-WATER	02/09/2022	7196A
02/28/2022	Water	N1530-01	Hexavalent Chromium	Ammonium sul	AQUA04	N11	20220108-FIELD-BLANK	02/11/2022	7196A

Date/Time 02/14/22 13:25
 Raw Sample Received by: KS(wc)
 Raw Sample Relinquished by: 12(wc)

Date/Time 02/14/22 14:30
 Raw Sample Received by: 12(wc)
 Raw Sample Relinquished by: KS(wc)