

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118060

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP94624
Calibration Std. hexchrome 0.05 ppm	WP94625
calibration std. hexchrome 0.01 ppm	WP94626
calibration std. hexchrome 0 ppm	WP94627
hexavalent chromium color reagent	WP94584
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841
Calibration Std Hexachrome 0.025 ppm	WP94629
Hexavalent Chromium ICV-LCS Std	WP94628
Calibration and CCV std HexChrome 0.5PPM	WP94623
Calibration std HexChrome 1.0PPM	WP94622

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		2.12	0.000	0.001	0.001	0.000		01/04/2022	14:20
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	20	01/04/2022	14:21
3	CAL3	0.025	1	100	100		1.95	0.000	0.019	0.019	0.023	8	01/04/2022	14:22
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	0.049	2	01/04/2022	14:23
5	CAL5	0.1	1	100	100		1.68	0.000	0.080	0.080	0.101	-1	01/04/2022	14:24
6	CAL6	0.5	1	100	100		1.74	0.000	0.392	0.392	0.500	0	01/04/2022	14:25
7	CAL7	1	1	100	100		1.92	0.000	0.782	0.782	0.999	0.1	01/04/2022	14:26

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Run Number: LB118060

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		2.05	0.000	0.390	0.390	0.498	01/04/2022	14:30
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	01/04/2022	14:32
3	CCV1	0.5	1	100	100		1.96	0.000	0.389	0.389	0.497	01/04/2022	14:33
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	01/04/2022	14:35
5	RL Check	0.01	1	100	100		2.18	0.000	0.008	0.008	0.010	01/04/2022	14:36
6	LB118060BL		1	100	100		2.34	0.000	0.000	0.000	0.000	01/04/2022	14:37
7	LB118060BS	0.5	1	100	100		2.40	0.000	0.390	0.390	0.498	01/04/2022	14:40
8	N1010-01		1	100	100		2.28	0.001	0.001	0.000	0.000	01/04/2022	14:41
9	N1010-01DU		1	100	100		2.14	0.000	0.000	0.000	0.000	01/04/2022	14:42
10	N1010-01MS	1	2	100	100		2.30	0.000	0.399	0.399	0.510	01/04/2022	14:45
11	N1010-01MS	1	2	100	100		1.98	0.000	0.398	0.398	0.509	01/04/2022	14:46
12	N1010-02		1	100	100		1.76	0.002	0.002	0.000	0.000	01/04/2022	14:47
13	N1010-03		1	100	100		1.85	0.003	0.003	0.000	0.000	01/04/2022	14:48
14	N1010-04		1	100	100		2.08	0.005	0.005	0.000	0.000	01/04/2022	14:49
15	N1010-05		1	100	100		2.14	0.003	0.003	0.000	0.000	01/04/2022	14:50
16	CCV2	0.5	1	100	100		2.35	0.000	0.391	0.391	0.500	01/04/2022	14:51
17	CCB2		1	100	100		2.42	0.000	0.000	0.000	0.000	01/04/2022	14:52
18	N1010-06		1	100	100		2.36	0.002	0.002	0.000	0.000	01/04/2022	14:53
19	N1010-07		1	100	100		2.14	0.000	0.000	0.000	0.000	01/04/2022	14:54
20	CCV3	0.5	1	100	100		2.20	0.000	0.392	0.392	0.501	01/04/2022	14:55
21	CCB3		1	100	100		1.86	0.000	0.000	0.000	0.000	01/04/2022	14:56

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX1422 WorkList ID : 155711 Department : Wet-Chemistry Date : 01-04-2022 13:40:55

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
01/17/2022	Water	N1010-01	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211307-CAPE-1-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-02	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211308-CAPE-2-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-03	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211309-CAPE-3-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-04	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211310-CAPE-4-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-05	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211311-CAPE-5-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-06	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211312-CAPE-6-SITE-1	12/30/2021	7196A
01/17/2022	Water	N1010-07	Hexavalent Chromium	Ammonium sul	AQUA04	I11	20211306-FIELD-BLANK	12/30/2021	7196A

Date/Time 01/04/22 13:45
 Raw Sample Received by: KS(woc)
 Raw Sample Relinquished by: KS(woc)

Date/Time 01/04/22 15:05
 Raw Sample Received by: KS(woc)
 Raw Sample Relinquished by: KS(woc)