

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114090

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90629
Calibration Std. hexchrome 0.05 ppm	WP90630
calibration std. hexchrome 0.01 ppm	WP90631
calibration std. hexchrome 0 ppm	WP90632
hexavalent chromium color reagent	WP90564
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90634
Hexavalent Chromium ICV-LCS Std	WP90633
Calibration and CCV std HexChrome 0.5PPM	WP90628
Calibration std HexChrome 1.0PPM	WP90627

Intercept: -0.0007

Slope: 0.7809

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		2.05	0.000	0.000	0.000	0.000		04/21/2021	11:15
2	CAL2	0.01	1	100	100		1.89	0.000	0.006	0.006	0.008	20	04/21/2021	11:15
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	04/21/2021	11:16
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	0.049	2	04/21/2021	11:16
5	CAL5	0.1	1	100	100		2.14	0.000	0.079	0.079	0.102	-2	04/21/2021	11:17
6	CAL6	0.5	1	100	100		2.26	0.000	0.390	0.390	0.500	0	04/21/2021	11:18
7	CAL7	1	1	100	100		2.34	0.000	0.780	0.780	0.999	0.1	04/21/2021	11:18

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Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114090

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		2.09	0.000	0.384	0.384	0.493	04/21/2021	11:19
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	04/21/2021	11:19
3	CCV1	0.5	1	100	100		1.74	0.000	0.382	0.382	0.490	04/21/2021	11:20
4	CCB1		1	100	100		1.68	0.000	0.000	0.000	0.001	04/21/2021	11:20
5	RL Check	0.01	1	100	100		2.16	0.000	0.007	0.007	0.010	04/21/2021	11:21
6	LB114090BL		1	100	100		2.31	0.000	0.000	0.000	0.001	04/21/2021	11:21
7	LB114090BS	0.5	1	100	100		2.25	0.000	0.410	0.410	0.526	04/21/2021	11:22
8	M2114-01		1	100	100		2.14	0.004	0.004	0.000	0.001	04/21/2021	11:23
9	M2114-02		1	100	100		2.09	0.003	0.003	0.000	0.001	04/21/2021	11:24
10	M2114-03		1	100	100		1.74	0.004	0.004	0.000	0.001	04/21/2021	11:24
11	M2114-04		1	100	100		1.85	0.003	0.003	0.000	0.001	04/21/2021	11:25
12	M2114-04DU		1	100	100		1.92	0.002	0.002	0.000	0.001	04/21/2021	11:26
13	M2114-05	1	2	100	100		2.26	0.003	0.405	0.402	0.516	04/21/2021	11:27
14	M2114-06	1	2	100	100		2.14	0.002	0.406	0.404	0.518	04/21/2021	11:28
15	M2114-07		1	100	100		2.34	0.000	0.000	0.000	0.001	04/21/2021	11:29
16	CCV2	0.5	1	100	100		2.08	0.000	0.385	0.385	0.494	04/21/2021	11:30
17	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.001	04/21/2021	11:30
18	M2114-09		1	100	100		1.95	0.004	0.004	0.000	0.001	04/21/2021	11:31
19	M2114-10		1	100	100		2.08	0.003	0.003	0.000	0.001	04/21/2021	11:32
20	M2114-11		1	100	100		1.87	0.004	0.004	0.000	0.001	04/21/2021	11:33
21	M2114-12		1	100	100		1.74	0.003	0.003	0.000	0.001	04/21/2021	11:34
22	M2114-12DU		1	100	100		1.67	0.002	0.002	0.000	0.001	04/21/2021	11:34
23	M2114-13	1	2	100	100		2.07	0.003	0.406	0.403	0.517	04/21/2021	11:35
24	M2114-14	1	2	100	100		2.14	0.002	0.405	0.403	0.517	04/21/2021	11:36
25	M2114-15		1	100	100		2.34	0.000	0.000	0.000	0.001	04/21/2021	11:37
26	CCV3	0.5	1	100	100		1.72	0.000	0.384	0.384	0.493	04/21/2021	11:38
27	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.001	04/21/2021	11:38

WORKLIST(Hardcopy Internal Chain)

LB114090

WorkList Name : hex42121 WorkList ID : 148236 Department : Wet-Chemistry Date : 04-21-2021 09:59:27

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/03/2021	Water	M2114-01	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-1	04/20/2021	7196A
05/03/2021	Water	M2114-02	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-10	04/20/2021	7196A
05/03/2021	Water	M2114-03	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-7	04/20/2021	7196A
05/03/2021	Water	M2114-04	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-X	04/20/2021	7196A
05/03/2021	Water	M2114-05	Hexavalent Chromium	Ammonium sul	WOOD06	O52	M2114-04MS	04/20/2021	7196A
05/03/2021	Water	M2114-06	Hexavalent Chromium	Ammonium sul	WOOD06	O52	M2114-04MSD	04/20/2021	7196A
05/03/2021	Water	M2114-07	Hexavalent Chromium	Ammonium sul	WOOD06	O52	FB-02	04/20/2021	7196A
05/03/2021	Water	M2114-09	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-1	04/20/2021	7196A
05/03/2021	Water	M2114-10	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-10	04/20/2021	7196A
05/03/2021	Water	M2114-11	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-7	04/20/2021	7196A
05/03/2021	Water	M2114-12	Hexavalent Chromium	Ammonium sul	WOOD06	O52	GMW-X	04/20/2021	7196A
05/03/2021	Water	M2114-13	Hexavalent Chromium	Ammonium sul	WOOD06	O52	M2114-12MS	04/20/2021	7196A
05/03/2021	Water	M2114-14	Hexavalent Chromium	Ammonium sul	WOOD06	O52	M2114-12MSD	04/20/2021	7196A
05/03/2021	Water	M2114-15	Hexavalent Chromium	Ammonium sul	WOOD06	O52	FB-02	04/20/2021	7196A

Date/Time 04/21/21 10:05
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: AM (Wetchem)

Date/Time 04/21/21 11:45
 Raw Sample Received by: AM (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)