

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113963

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90509
Calibration Std. hexchrome 0.05 ppm	WP90510
calibration std. hexchrome 0.01 ppm	WP90511
calibration std. hexchrome 0 ppm	WP90513
hexavalent chromium color reagent	WP90481
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90512
Hexavalent Chromium ICV-LCS Std	WP90514
Calibration and CCV std HexChrome 0.5PPM	WP90508
Calibration std HexChrome 1.0PPM	WP90507

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		2.02	0.000	0.000	0.000	0.000		04/13/2021	17:25
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	20	04/13/2021	17:25
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.023	8	04/13/2021	17:26
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	04/13/2021	17:26
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	0.102	-2	04/13/2021	17:27
6	CAL6	0.5	1	100	100		1.75	0.000	0.390	0.390	0.500	0	04/13/2021	17:27
7	CAL7	1	1	100	100		1.95	0.000	0.780	0.780	0.999	0.1	04/13/2021	17:28

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113963

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		2.14	0.000	0.385	0.385	0.494	04/13/2021	17:29
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.001	04/13/2021	17:29
3	CCV1	0.5	1	100	100		2.26	0.000	0.381	0.381	0.489	04/13/2021	17:30
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.001	04/13/2021	17:30
5	RL Check	0.01	1	100	100		2.44	0.000	0.007	0.007	0.010	04/13/2021	17:31
6	LB113963BL		1	100	100		2.31	0.000	0.000	0.000	0.001	04/13/2021	17:32
7	LB113963BS	0.5	1	100	100		2.25	0.000	0.406	0.406	0.521	04/13/2021	17:33
8	M2026-01		1	100	100		1.98	0.003	0.003	0.000	0.001	04/13/2021	17:33
9	M2026-01DU		1	100	100		1.78	0.002	0.003	0.001	0.002	04/13/2021	17:34
10	M2026-01MS	1	2	100	100		2.08	0.003	0.408	0.405	0.520	04/13/2021	17:35
11	M2026-01MS	1	2	100	100		2.09	0.002	0.409	0.407	0.522	04/13/2021	17:35
12	M2026-02		1	100	100		2.14	0.004	0.004	0.000	0.001	04/13/2021	17:36
13	M2026-03		1	100	100		2.32	0.002	0.002	0.000	0.001	04/13/2021	17:36
14	M2026-04		1	100	100		2.40	0.001	0.001	0.000	0.001	04/13/2021	17:37
15	M2026-05		1	100	100		1.88	0.004	0.004	0.000	0.001	04/13/2021	17:38
16	CCV2	0.5	1	100	100		1.74	0.000	0.385	0.385	0.494	04/13/2021	17:39
17	CCB2		1	100	100		1.68	0.000	0.000	0.000	0.001	04/13/2021	17:40
18	M2026-06		1	100	100		2.09	0.002	0.002	0.000	0.001	04/13/2021	17:40
19	M2026-10		1	100	100		2.14	0.004	0.004	0.000	0.001	04/13/2021	17:41
20	M2026-11		1	100	100		2.34	0.003	0.003	0.000	0.001	04/13/2021	17:41
21	M2026-12		1	100	100		2.25	0.002	0.002	0.000	0.001	04/13/2021	17:42
22	M2026-13		1	100	100		2.14	0.001	0.001	0.000	0.001	04/13/2021	17:42
23	M2026-14		1	100	100		1.85	0.004	0.004	0.000	0.001	04/13/2021	17:43
24	M2026-15		1	100	100		1.78	0.002	0.002	0.000	0.001	04/13/2021	17:44
25	CCV3	0.5	1	100	100		1.95	0.000	0.383	0.383	0.491	04/13/2021	17:45
26	CCB3		1	100	100		1.74	0.000	0.000	0.000	0.001	04/13/2021	17:45

WORKLIST(Hardcopy Internal Chain)

LB 113963

WorkList Name : HEX41321 WorkList ID : 147986 Department : Wet-Chemistry Date : 04-13-2021 16:35:36

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/26/2021	Water	M2026-01	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-01	04/13/2021	7196A
04/26/2021	Water	M2026-02	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-02	04/13/2021	7196A
04/26/2021	Water	M2026-03	Hexavalent Chromium	Ammonium sul	WOOD06	O61	GMW-5	04/13/2021	7196A
04/26/2021	Water	M2026-04	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-15	04/13/2021	7196A
04/26/2021	Water	M2026-05	Hexavalent Chromium	Ammonium sul	WOOD06	O61	GMW-11	04/13/2021	7196A
04/26/2021	Water	M2026-06	Hexavalent Chromium	Ammonium sul	WOOD06	O61	FB-1	04/13/2021	7196A
04/26/2021	Water	M2026-10	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-01	04/13/2021	7196A
04/26/2021	Water	M2026-11	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-02	04/13/2021	7196A
04/26/2021	Water	M2026-12	Hexavalent Chromium	Ammonium sul	WOOD06	O61	GMW-5	04/13/2021	7196A
04/26/2021	Water	M2026-13	Hexavalent Chromium	Ammonium sul	WOOD06	O61	PZ-15	04/13/2021	7196A
04/26/2021	Water	M2026-14	Hexavalent Chromium	Ammonium sul	WOOD06	O61	GMW-11	04/13/2021	7196A
04/26/2021	Water	M2026-15	Hexavalent Chromium	Ammonium sul	WOOD06	O61	FB-1	04/13/2021	7196A

Date/Time 04/13/21 17:10
 Raw Sample Received by: KS (wetchem)
 Raw Sample Relinquished by: JD (wetchem)

Date/Time 04/13/21 17:50
 Raw Sample Received by: KS (wetchem)
 Raw Sample Relinquished by: KS (wetchem)