

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113848

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP90356
Calibration Std. hexchrome 0.05 ppm	WP90357
calibration std. hexchrome 0.01 ppm	WP90358
calibration std. hexchrome 0 ppm	WP90360
hexavalent chromium color reagent	WP90302
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP90359
Hexavalent Chromium ICV-LCS Std	WP90361
Calibration and CCV std HexChrome 0.5PPM	WP90354
Calibration std HexChrome 1.0PPM	WP90355

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		2.14	0.000	0.000	0.000	0.000		04/06/2021	14:15
2	CAL2	0.01	1	100	100		2.26	0.000	0.006	0.006	0.008	20	04/06/2021	14:16
3	CAL3	0.025	1	100	100		2.36	0.000	0.018	0.018	0.023	8	04/06/2021	14:17
4	CAL4	0.05	1	100	100		2.47	0.000	0.038	0.038	0.049	2	04/06/2021	14:18
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	0.102	-2	04/06/2021	14:19
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	04/06/2021	14:20
7	CAL7	1	1	100	100		1.78	0.000	0.780	0.780	0.999	0.1	04/06/2021	14:21

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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		2.23	0.000	0.383	0.383	0.491	04/06/2021	14:22
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.001	04/06/2021	14:23
3	CCV1	0.5	1	100	100		1.88	0.000	0.385	0.385	0.494	04/06/2021	14:24
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.001	04/06/2021	14:25
5	RL Check	0.01	1	100	100		2.06	0.000	0.007	0.007	0.010	04/06/2021	14:26
6	LB113848BL		1	100	100		2.14	0.000	0.000	0.000	0.001	04/06/2021	14:27
7	LB113848BS	0.5	1	100	100		2.26	0.000	0.404	0.404	0.518	04/06/2021	14:28
8	M1951-01		1	100	100		2.34	0.002	0.002	0.000	0.001	04/06/2021	14:29
9	M1951-01DU		1	100	100		2.09	0.001	0.001	0.000	0.001	04/06/2021	14:30
10	M1951-02	1	2	100	100		2.14	0.002	0.427	0.425	0.545	04/06/2021	14:31
11	M1951-03	1	2	100	100		2.34	0.002	0.425	0.423	0.543	04/06/2021	14:32
12	M1951-04		1	100	100		2.07	0.003	0.003	0.000	0.001	04/06/2021	14:33
13	M1951-05		1	100	100		2.09	0.001	0.001	0.000	0.001	04/06/2021	14:34
14	CCV2	0.5	1	100	100		1.85	0.000	0.382	0.382	0.490	04/06/2021	14:35
15	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.001	04/06/2021	14:36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX4621-1 WorkList ID : 147771 Department : Wet-Chemistry Date : 04-06-2021 11:32:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/19/2021	Water	M1951-01	F Hexavalent Chromium	Ammonium sul	BEMS01	O13	SW-1	04/05/2021	7196A
04/19/2021	Water	M1951-02	F Hexavalent Chromium	Ammonium sul	BEMS01	O13	M1951-01MS	04/05/2021	7196A
04/19/2021	Water	M1951-03	F Hexavalent Chromium	Ammonium sul	BEMS01	O13	M1951-01MSD	04/05/2021	7196A
04/19/2021	Water	M1951-04	F Hexavalent Chromium	Ammonium sul	BEMS01	O13	SW-2	04/05/2021	7196A
04/19/2021	Water	M1951-05	F Hexavalent Chromium	Ammonium sul	BEMS01	O13	EB-2021-04-05_SW	04/05/2021	7196A

Date/Time 04/06/21 12:45
 Raw Sample Received by: KS (Wetchem)
 Raw Sample Relinquished by: SP (Wetchem)

Date/Time 04/06/21 14:45
 Raw Sample Received by: SP (Wetchem)
 Raw Sample Relinquished by: KS (Wetchem)