CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
ANALYST: jignesh
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB122586
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99553
Calibration Std. hexchrome 0.05 ppm	WP99554
calibration std. hexchrome 0.01 ppm	WP99555
calibration std. hexchrome 0 ppm	WP99556
hexavalent chromium color reagent	WP99537
5N sulfuric acid	WP96514
HEX LOD STD, 0.005PPM	WP99558
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP99559
Hexavalent Chromium ICV-LCS Std	WP99557
Calibration and CCV std HexChrome 0.5PPM	WP99552
Calibration std HexChrome 1.0PPM	WP99551

Intercept: -0.0011 **Slope:** 0.7798 **Regression:** 0.999993

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.75	0.000	0.000	0.000	0.001		10/24/2022	10:00
2	CAL2	0.01	1	100	100		2.02	0.000	0.006	0.006	0.009	10	10/24/2022	10:01
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	0.023	8	10/24/2022	10:02
4	CAL4	0.05	1	100	100		2.03	0.000	0.037	0.037	0.048	4	10/24/2022	10:03
5	CAL5	0.1	1	100	100		1.98	0.000	0.078	0.078	0.101	-1	10/24/2022	10:04
6	CAL6	0.5	1	100	100		2.04	0.000	0.390	0.390	0.501	-0.2	10/24/2022	10:05
7	CAL7	1	1	100	100		1.96	0.000	0.778	0.778	0.999	0.1	10/24/2022	10:06

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Run Number: LB122586
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		2.01	0.000	0.388	0.388	0.499	10/24/2022	10:08
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.001	10/24/2022	10:09
3	CCV1	0.5	1	100	100		2.06	0.000	0.390	0.390	0.502	10/24/2022	10:10
4	CCB1		1	100	100		1.86	0.000	0.000	0.000	0.001	10/24/2022	10:11
5	RL Check	0.01	1	100	100		2.02	0.000	0.006	0.006	0.009	10/24/2022	10:12
6	LB122586BL		1	100	100		2.04	0.000	0.000	0.000	0.001	10/24/2022	10:13
7	LB122586BS	0.5	1	100	100		1.98	0.000	0.388	0.388	0.499	10/24/2022	10:14
8	N4955-09		1	100	100		2.08	0.000	0.004	0.004	0.007	10/24/2022	10:15
9	N5226-01		1	100	100		1.98	0.001	0.001	0.000	0.001	10/24/2022	10:16
10	N5226-01DU		1	100	100		1.98	0.001	0.001	0.000	0.001	10/24/2022	10:17
11	N5226-01MS	1	2	100	100		1.96	0.001	0.386	0.385	0.495	10/24/2022	10:18
12	N5226-01MS	1	2	100	100		1.98	0.001	0.386	0.385	0.495	10/24/2022	10:19
13	N5226-02		1	100	100		2.06	0.000	0.000	0.000	0.001	10/24/2022	10:20
14	N5226-03		1	100	100		2.05	0.002	0.002	0.000	0.001	10/24/2022	10:21
15	N5226-04		1	100	100		1.75	0.000	0.000	0.000	0.001	10/24/2022	10:22
16	CCV2	0.5	1	100	100		1.73	0.000	0.386	0.386	0.496	10/24/2022	10:23
17	CCB2		1	100	100		2.02	0.000	0.000	0.000	0.001	10/24/2022	10:24
18	N5226-05		1	100	100		1.90	0.002	0.002	0.000	0.001	10/24/2022	10:25
19	N5226-06		1	100	100		2.05	0.000	0.000	0.000	0.001	10/24/2022	10:26
20	N5226-07		1	100	100		1.85	0.001	0.001	0.000	0.001	10/24/2022	10:27
21	CCV3	0.5	1	100	100		2.01	0.000	0.387	0.387	0.498	10/24/2022	10:28
22	CCB3		1	100	100		2.02	0.000	0.000	0.000	0.001	10/24/2022	10:30

WORKLIST(Hardcopy Internal Chain)

LB 122586

WorkList Name : HEX-102122-W **WorkList ID :** 164281 **Department :** Wet-Chemistry **Date :** 10-21-2022 14:37:42

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/03/2022	Water	N5226-01	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221093-198-SITE-WATER	10/18/2022	7196A
11/03/2022	Water	N5226-02	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221094-199-SITE-WATER	10/18/2022	7196A
11/03/2022	Water	N5226-03	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221096-201-SITE-WATER	10/19/2022	7196A
11/03/2022	Water	N5226-04	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221097-202-SITE-WATER	10/19/2022	7196A
11/03/2022	Water	N5226-05	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221098-203-SITE-WATER	10/19/2022	7196A
11/03/2022	Water	N5226-06	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221101-PC-SITE-WATER	10/19/2022	7196A
11/03/2022	Water	N5226-07	Hexavalent Chromium	Ammonium sul	AQUA04	E11	20221091-FIELD-BLANK-1	10/19/2022	7196A
10/24/2022	Water	N4955-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	MDL-WATER-03-QT4-2022	10/03/2022	7196A

Date/Time 10/24/22 9:00
Raw Sample Received by: SJ (WC)
Raw Sample Relinquished by: CP (SM)

Date/Time 10/24/22 12:30
Raw Sample Received by: CP (SM)
Raw Sample Relinquished by: SJ (WC)