CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
ANALYST: ketankumar
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB120589
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP97240
Calibration Std. hexchrome 0.05 ppm	WP97241
calibration std. hexchrome 0.01 ppm	WP97242
calibration std. hexchrome 0 ppm	WP97244
hexavalent chromium color reagent	WP97135
HEX LOD STD, 0.005PPM	WP97246
Hexchrome Cleaning Solution	WP95568
Hex LOQ Std, 0.01PPM	WP97247
Calibration Std Hexachrome 0.025 ppm	WP97243
Hexavalent Chromium ICV-LCS Std	WP97245
Calibration and CCV std HexChrome 0.5PPM	WP97239
Calibration std HexChrome 1.0PPM	WP97238

Intercept: -0.0009 **Slope:** 0.7811 **Regression:** 0.999997

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		2.10	0.000	0.000	0.000	0.001		06/09/2022	10:15
2	CAL2	0.01	1	100	100		2.35	0.000	0.006	0.006	0.008	20	06/09/2022	10:16
3	CAL3	0.025	1	100	100		2.20	0.000	0.018	0.018	0.024	4	06/09/2022	10:17
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.049	2	06/09/2022	10:18
5	CAL5	0.1	1	100	100		1.78	0.000	0.078	0.078	0.101	-1	06/09/2022	10:19
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	0	06/09/2022	10:20
7	CAL7	1	1	100	100		2.08	0.000	0.780	0.780	0.999	0.1	06/09/2022	10:21

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Run Number: LB120589

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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		2.05	0.000	0.390	0.390	0.500	06/09/2022	10:25
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	06/09/2022	10:26
3	CCV1	0.5	1	100	100		2.30	0.000	0.389	0.389	0.499	06/09/2022	10:30
4	CCB1		1	100	100		2.15	0.000	0.000	0.000	0.001	06/09/2022	10:31
5	RL Check	0.01	1	100	100		1.88	0.000	0.008	0.008	0.011	06/09/2022	10:35
6	LB120589BL		1	100	100		1.79	0.000	0.000	0.000	0.001	06/09/2022	10:36
7	LB120589BS	0.5	1	100	100		1.95	0.000	0.372	0.372	0.477	06/09/2022	10:37
8	N3214-07		1	100	100		2.30	0.000	0.005	0.005	0.008	06/09/2022	10:38
9	N3214-08		1	100	100		2.15	0.000	0.007	0.007	0.010	06/09/2022	10:39
10	N3263-02		1	100	100		1.88	0.002	0.002	0.000	0.001	06/09/2022	10:40
11	N3263-02DU		1	100	100		1.76	0.003	0.003	0.000	0.001	06/09/2022	10:41
12	N3263-02MS	1	2	100	100		2.40	0.003	0.388	0.385	0.494	06/09/2022	10:45
13	N3263-02MS	1	2	100	100		1.76	0.002	0.387	0.385	0.494	06/09/2022	10:46
14	N3263-04		1	100	100		1.92	0.000	0.000	0.000	0.001	06/09/2022	10:47
15	N3263-06		1	100	100		1.85	0.001	0.001	0.000	0.001	06/09/2022	10:48
16	CCV2	0.5	1	100	100		2.30	0.000	0.387	0.387	0.497	06/09/2022	10:49
17	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.001	06/09/2022	10:50

LB120589

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex6922-1 **WorkList ID :** 160391 **Department :** Wet-Chemistry **Date :** 06-09-2022 09:32:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
06/27/2022	Water	N3214-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOD-MDL-WATER-01-QT2-2022	06/06/2022	7196A
06/27/2022	Water	N3214-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	LOQ-WATER-02-QT2-2022	06/06/2022	7196A
06/15/2022	Water	N3263-02	Hexavalent Chromium	Ammonium sul	PSEG04	P11	DSW002	06/08/2022	7196A
06/15/2022	Water	N3263-04	Hexavalent Chromium	Ammonium sul	PSEG04	P11	DSW001	06/08/2022	7196A
06/15/2022	Water	N3263-06	Hexavalent Chromium	Ammonium sul	PSEG04	P11	RWS003	06/08/2022	7196A

Date/Time 06/09/22 09:40
Raw Sample Received by: KS(WC)
Raw Sample Relinquished by:

Date/Time 06/09/22 10:55
Raw Sample Received by:
Raw Sample Relinquished by: KS(WC)