

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120279

pH Meter ID:

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96908
Calibration Std. hexchrome 0.05 ppm	WP96909
calibration std. hexchrome 0.01 ppm	WP96910
calibration std. hexchrome 0 ppm	WP96912
hexavalent chromium color reagent	WP96844
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568
Calibration Std Hexachrome 0.025 ppm	WP96911
Hexavalent Chromium ICV-LCS Std	WP96913
Calibration and CCV std HexChrome 0.5PPM	WP96907
Calibration std HexChrome 1.0PPM	WP96906

Intercept: -0.0002

Slope: 0.782

Regression: 0.999993

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		2.25	0.000	0.000	0.000	0.000		05/20/2022	13:15
2	CAL2	0.01	1	100	100		2.12	0.000	0.008	0.008	0.010	0	05/20/2022	13:16
3	CAL3	0.025	1	100	100		2.30	0.000	0.018	0.018	0.023	8	05/20/2022	13:17
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	0.048	4	05/20/2022	13:18
5	CAL5	0.1	1	100	100		1.95	0.000	0.080	0.080	0.102	-2	05/20/2022	13:19
6	CAL6	0.5	1	100	100		1.82	0.000	0.390	0.390	0.498	0.4	05/20/2022	13:20
7	CAL7	1	1	100	100		2.08	0.000	0.782	0.782	1.000	0	05/20/2022	13:21

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Parameter: Hexavalent Chromium

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Run Number: LB120279

pH Meter ID:

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		2.10	0.000	0.392	0.392	0.502	05/20/2022	13:25
2	ICB		1	100	100		2.35	0.000	0.000	0.000	0.000	05/20/2022	13:26
3	CCV1	0.5	1	100	100		2.20	0.000	0.391	0.391	0.500	05/20/2022	13:28
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	05/20/2022	13:29
5	RL Check	0.01	1	100	100		1.74	0.000	0.008	0.008	0.010	05/20/2022	13:30
6	lb120279BL		1	100	100		1.92	0.000	0.000	0.000	0.000	05/20/2022	13:31
7	lb120279BS	0.5	1	100	100		2.05	0.000	0.402	0.402	0.514	05/20/2022	13:32
8	N2936-01		1	100	100		2.30	0.003	0.003	0.000	0.000	05/20/2022	13:33
9	N2936-01DU		1	100	100		2.19	0.002	0.002	0.000	0.000	05/20/2022	13:34
10	N2936-01MS	1	2	100	100		2.36	0.003	0.357	0.354	0.453	05/20/2022	13:35
11	N2936-01MS	1	2	100	100		2.40	0.002	0.358	0.356	0.455	05/20/2022	13:36
12	CCV2	0.5	1	100	100		2.33	0.000	0.390	0.390	0.499	05/20/2022	13:37
13	CCB2		1	100	100		2.15	0.000	0.000	0.000	0.000	05/20/2022	13:38

WORKLIST(Hardcopy Internal Chain)

LB120279

WorkList Name : hex51922-1 WorkList ID : 159791 Department : Wet-Chemistry Date : 05-19-2022 14:10:49

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
05/31/2022	Water	N2936-01	E	Hexavalent Chromium	Ammonium sul	INFR01	L11	SEMI-ANNUAL-CONDENSATE	05/17/2022 7196A

Date/Time 05/20/22 12:30
 Raw Sample Received by: KS (wg)
 Raw Sample Relinquished by: J. J. (wg)

Date/Time 05/20/22 13:45
 Raw Sample Received by: J. J. (wg)
 Raw Sample Relinquished by: KS (wg)