



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sohil

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB122947

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP99960
Calibration Std. hexchrome 0.05 ppm	WP99961
calibration std. hexchrome 0.01 ppm	WP99963
calibration std. hexchrome 0 ppm	WP99964
hexavalent chromium color reagent	WP99966
5N sulfuric acid	WP99758
Hexchrome Cleaning Solution	WP98731
Calibration Std Hexachrome 0.025 ppm	WP99962
Hexavalent Chromium ICV-LCS Std	WP99965
Calibration and CCV std HexChrome 0.5PPM	WP99959
Calibration std HexChrome 1.0PPM	WP99958

Intercept: -0.0009

Slope: 0.7799

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		1.96	0.000	0.000	0.000	0.001		11/18/2022	11:02
2	CAL2	0.01	1	100	100		2.02	0.000	0.007	0.007	0.010	0	11/18/2022	11:03
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.024	4	11/18/2022	11:04
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	2	11/18/2022	11:05
5	CAL5	0.1	1	100	100		2.01	0.000	0.078	0.078	0.101	-1	11/18/2022	11:06
6	CAL6	0.5	1	100	100		2.00	0.000	0.387	0.387	0.497	0.6	11/18/2022	11:07
7	CAL7	1	1	100	100		1.99	0.000	0.780	0.780	1.001	-0.1	11/18/2022	11:08



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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		1.78	0.000	0.378	0.378	0.486	11/18/2022	11:12
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.001	11/18/2022	11:13
3	CCV1	0.5	1	100	100		1.86	0.000	0.382	0.382	0.491	11/18/2022	11:14
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	11/18/2022	11:15
5	RL Check	0.01	1	100	100		2.01	0.000	0.007	0.007	0.010	11/18/2022	11:16
6	LB122947BL		1	100	100		1.96	0.000	0.000	0.000	0.001	11/18/2022	11:17
7	LB122947BS	0.5	1	100	100		2.02	0.000	0.388	0.388	0.499	11/18/2022	11:18
8	N5504-01		1	100	100		1.88	0.002	1.941	1.939	2.487	11/18/2022	11:19
9	N5655-01		1	100	100		2.06	0.002	0.002	0.000	0.001	11/18/2022	11:20
10	N5655-01DU		1	100	100		2.02	0.002	0.002	0.000	0.001	11/18/2022	11:21
11	N5655-01MS	1	2	100	100		2.01	0.002	0.368	0.366	0.470	11/18/2022	11:22
12	N5655-01MS	1	2	100	100		2.05	0.002	0.370	0.368	0.473	11/18/2022	11:23
13	N5504-01		5	100	100		1.88	0.000	0.367	0.367	0.472	11/18/2022	11:24
14	CCV2	0.5	1	100	100		1.96	0.000	0.385	0.385	0.495	11/18/2022	11:25
15	CCB2		1	100	100		2.06	0.000	0.000	0.000	0.001	11/18/2022	11:26

WORKLIST(Hardcopy Internal Chain)

LB122947

WorkList Name : Hex-1118

WorkList ID : 165154

Department : Wet-Chemistry

Date : 11-18-2022 10:34:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
11/10/2022	Water	N5504-01	Hexavalent Chromium	Ammonium sul	TULL02	F11	SV34211L	11/07/2022	7196A
11/29/2022	Water	N5655-01	Hexavalent Chromium	Ammonium sul	INFR01	N11	SEMI-ANNUAL-CONDENSATE	11/15/2022	7196A

Date/Time 11/18/22 10:40
 Raw Sample Received by: SI (wc)
 Raw Sample Relinquished by: CP (SM)

Date/Time 11/18/22 14:00
 Raw Sample Received by: CP (SM)
 Raw Sample Relinquished by: SI (wc)