

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112126

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88296
Calibration Std. hexchrome 0.05 ppm	WP88297
calibration std. hexchrome 0.01 ppm	WP88298
calibration std. hexchrome 0 ppm	WP88299
hexavalent chromium color reagent	WP88292
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP88304
Hexavalent Chromium ICV-LCS Std	WP88300
Calibration and CCV std HexChrome 0.5PPM	WP88295
Calibration std HexChrome 1.0PPM	WP88294

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.28	0.000	0.000	0.000	11/24/2020	13:15
2	CAL2	0.01	1	100	100		1.97	0.000	0.008	0.008	11/24/2020	13:16
3	CAL3	0.025	1	100	100		1.78	0.000	0.020	0.020	11/24/2020	13:17
4	CAL4	0.05	1	100	100		2.35	0.000	0.039	0.039	11/24/2020	13:18
5	CAL5	0.1	1	100	100		2.34	0.000	0.079	0.079	11/24/2020	13:19
6	CAL6	0.5	1	100	100		1.76	0.000	0.399	0.399	11/24/2020	13:20
7	CAL7	1	1	100	100		2.15	0.000	0.800	0.800	11/24/2020	13:21

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.34	0.000	0.383	0.383	0.479	11/24/2020	13:22
2	ICB		1	100	100		2.15	0.000	0.000	0.000	0.000	11/24/2020	13:23
3	CCV1	0.5	1	100	100		2.35	0.000	0.381	0.381	0.477	11/24/2020	14:40
4	CCB1		1	100	100		2.17	0.000	0.000	0.000	0.000	11/24/2020	14:41
5	PB133229BL		1	2.52	100	7.22	2.37	0.000	0.000	0.000	0.000	11/24/2020	14:42
6	PB133229BS	20	1	2.51	100	7.35	1.97	0.000	0.355	0.355	0.444	11/24/2020	14:43
7	L4877-01		1	2.53	100	7.18	1.87	0.016	0.048	0.032	0.040	11/24/2020	14:44
8	L4877-02		1	2.52	100	7.36	1.76	0.006	0.430	0.424	0.530	11/24/2020	14:45
9	L4877-03		1	2.51	100	7.45	2.18	0.007	0.223	0.216	0.270	11/24/2020	14:46
10	L4877-04		1	2.53	100	7.56	1.96	0.009	0.015	0.006	0.008	11/24/2020	14:47
11	L4877-05		1	2.54	100	7.39	1.75	0.008	0.100	0.092	0.115	11/24/2020	14:48
12	L4877-06		1	2.56	100	7.48	2.09	0.016	0.141	0.125	0.157	11/24/2020	14:49
13	L4877-07		1	2.55	100	7.25	1.87	0.067	0.069	0.002	0.003	11/24/2020	14:50
14	L4877-08		1	2.52	100	7.41	2.36	0.033	0.204	0.171	0.214	11/24/2020	14:51
15	CCV2	0.5	1	100	100		1.85	0.000	0.385	0.385	0.482	11/24/2020	14:52
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	0.000	11/24/2020	14:53
17	L4877-08DUP		1	2.54	100	7.29	2.14	0.032	0.205	0.173	0.217	11/24/2020	14:54
18	L4877-09MSPre	40	2	2.57	100	7.56	2.28	0.024	0.402	0.378	0.473	11/24/2020	14:55
19	L4877-09MS2Ins	1284	40	2.53	100	7.36	2.34	0.017	0.656	0.639	0.799	11/24/2020	14:56
20	L4877-09MS3Post	40	2	2.55	100	7.41	1.84	0.022	0.489	0.467	0.584	11/24/2020	14:57
21	L4877-11		1	2.56	100	7.28	1.73	0.026	0.141	0.115	0.144	11/24/2020	14:58
22	L4877-12		1	2.58	100	7.38	2.37	0.025	0.050	0.025	0.032	11/24/2020	14:59
23	L4877-13		1	2.59	100	7.54	2.19	0.543	2.541	1.998	2.498	11/24/2020	15:00
24	L4877-14		1	2.55	100	7.69	1.88	0.023	1.261	1.238	1.548	11/24/2020	15:01
25	L4877-15		1	2.57	100	7.28	1.79	0.030	0.235	0.205	0.257	11/24/2020	15:02
26	L4877-16		1	2.56	100	7.19	1.89	0.017	0.018	0.001	0.002	11/24/2020	15:03
27	CCV3	0.5	1	100	100		2.07	0.000	0.383	0.383	0.479	11/24/2020	15:04
28	CCB3		1	100	100		2.38	0.000	0.000	0.000	0.000	11/24/2020	15:05
29	L4877-17		1	2.51	100	7.71	2.17	0.013	0.022	0.009	0.012	11/24/2020	15:06
30	L4877-18		1	2.53	100	7.59	2.35	0.017	0.033	0.016	0.020	11/24/2020	15:07
31	L4877-13		100	2.59	100	7.54	2.19	0.006	0.256	0.250	0.313	11/24/2020	15:08
32	L4877-14		10	2.55	100	7.69	1.88	0.000	0.154	0.154	0.193	11/24/2020	15:09
33	CCV4	0.5	1	100	100		1.84	0.000	0.382	0.382	0.478	11/24/2020	15:10
34	CCB4		1	100	100		1.76	0.000	0.000	0.000	0.000	11/24/2020	15:11