

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112596

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88867
Calibration Std. hexchrome 0.05 ppm	WP88868
calibration std. hexchrome 0.01 ppm	WP88869
calibration std. hexchrome 0 ppm	WP88870
hexavalent chromium color reagent	WP88794
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP88875
Hexavalent Chromium ICV-LCS Std	WP88871
Calibration and CCV std HexChrome 0.5PPM	WP88866
Calibration std HexChrome 1.0PPM	WP88865

Intercept: 0.0008

Slope: 0.7635

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	7.18	2.14	0.000	0.000	0.000	12/31/2020	14:25
2	CAL2	0.01	1	100	100	7.36	1.96	0.001	0.009	0.008	12/31/2020	14:26
3	CAL3	0.025	1	100	100	7.48	2.34	0.002	0.022	0.020	12/31/2020	14:27
4	CAL4	0.05	1	100	100	7.25	1.78	0.001	0.040	0.039	12/31/2020	14:28
5	CAL5	0.1	1	100	100	7.76	2.38	0.002	0.080	0.078	12/31/2020	14:29
6	CAL6	0.5	1	100	100	7.64	2.25	0.002	0.385	0.383	12/31/2020	14:30
7	CAL7	1	1	100	100	7.54	2.16	0.001	0.765	0.764	12/31/2020	14:31

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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	7.37	2.14	0.000	0.384	0.384	0.502	12/31/2020	14:32
2	ICB		1	100	100	7.19	2.32	0.000	0.000	0.000	-0.001	12/31/2020	14:33
3	CCV1	0.5	1	100	100	7.34	1.88	0.000	0.382	0.382	0.499	12/31/2020	14:34
4	CCB1		1	100	100	7.45	1.76	0.000	0.000	0.000	-0.001	12/31/2020	14:35
5	PB133883BL		1	2.50	100	7.56	2.07	0.000	0.000	0.000	-0.001	12/31/2020	14:36
6	PB133883BS	20	1	2.50	100	7.29	1.87	0.002	0.353	0.351	0.459	12/31/2020	14:37
7	L5242-01		1	2.53	100	7.17	2.42	0.029	0.041	0.012	0.015	12/31/2020	14:38
8	L5242-01DUP		1	2.52	100	7.35	2.28	0.028	0.040	0.012	0.015	12/31/2020	14:39
9	L5242-01MSPre	40	2	2.51	100	7.66	1.85	0.023	0.199	0.176	0.229	12/31/2020	14:40
10	L5242-01MS2Ins	1284	40	2.53	100	7.45	2.19	0.020	0.655	0.635	0.831	12/31/2020	14:41
11	L5242-01MS3Post	40	2	2.54	100	7.46	2.37	0.022	0.313	0.291	0.380	12/31/2020	14:42
12	L5242-03		1	2.56	100	7.15	1.96	0.017	0.018	0.001	0.000	12/31/2020	14:43
13	L5242-05		1	2.55	100	7.34	2.37	0.067	0.069	0.002	0.002	12/31/2020	14:44
14	L5242-07		1	2.53	100	7.14	1.79	0.018	0.020	0.002	0.002	12/31/2020	14:45
15	CCV2	0.5	1	100	100	7.34	2.45	0.000	0.382	0.382	0.499	12/31/2020	14:46
16	CCB2		1	100	100	7.14	2.15	0.000	0.000	0.000	-0.001	12/31/2020	14:47
17	L5242-09		1	2.54	100	7.28	1.72	0.069	0.071	0.002	0.002	12/31/2020	14:48
18	L5242-11		1	2.57	100	7.64	1.94	0.017	0.018	0.001	0.000	12/31/2020	14:49
19	L5242-13		1	2.54	100	7.47	2.15	0.020	0.021	0.001	0.000	12/31/2020	14:50
20	L5248-02		1	2.53	100	7.34	2.37	0.039	0.041	0.002	0.002	12/31/2020	14:51
21	CCV3	0.5	1	100	100	7.28	1.82	0.000	0.384	0.384	0.502	12/31/2020	14:52
22	CCB3		1	100	100	7.34	2.07	0.000	0.000	0.000	-0.001	12/31/2020	14:52