

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110032

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85554
Calibration Std. hexchrome 0.05 ppm	WP85555
calibration std. hexchrome 0.01 ppm	WP85556
calibration std. hexchrome 0 ppm	WP85557
hexavalent chromium color reagent	WP85512
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85559
Hexavalent Chromium ICV-LCS Std	WP85558
Calibration and CCV std HexChrome 0.5PPM	WP85553
Calibration std HexChrome 1.0PPM	WP85552

Intercept: -0.0008

Slope: 0.7972

Regression: 0.999995

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		2.04	0.000	0.000	0.000	07/15/2020	13:10
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	07/15/2020	13:11
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	07/15/2020	13:12
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	07/15/2020	13:13
5	CAL5	0.1	1	100	100		2.05	0.000	0.078	0.078	07/15/2020	13:14
6	CAL6	0.5	1	100	100		2.08	0.000	0.397	0.397	07/15/2020	13:15
7	CAL7	1	1	100	100		2.02	0.000	0.797	0.797	07/15/2020	13:16

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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		2.04	0.000	0.383	0.383	0.481	07/15/2020	13:17
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	07/15/2020	13:18
3	CCV1	0.5	1	100	100		2.03	0.000	0.378	0.378	0.475	07/15/2020	13:19
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.001	07/15/2020	13:20
5	PB130227BL		1	2.52	100	7.04	2.05	0.000	0.000	0.000	0.001	07/15/2020	13:21
6	PB130227BS	20	1	2.51	100	7.06	2.08	0.000	0.354	0.354	0.445	07/15/2020	13:22
7	L3183-06		1	2.53	100	7.05	2.02	0.025	0.027	0.002	0.004	07/15/2020	13:23
8	L3183-06DUP		1	2.52	100	7.03	2.04	0.026	0.028	0.002	0.004	07/15/2020	13:24
9	L3183-06MSPre	40	2	2.51	100	7.08	2.06	0.021	0.035	0.014	0.019	07/15/2020	13:25
10	L3183-06MS2Ins	1284	40	2.53	100	7.09	2.08	0.018	0.652	0.634	0.796	07/15/2020	13:26
11	L3183-06MS3Post	40	2	2.50	100	7.07	2.07	0.020	0.043	0.023	0.030	07/15/2020	13:27
12	L3187-05		1	2.51	100	7.05	2.05	0.006	0.007	0.001	0.002	07/15/2020	13:28
13	L3188-07		1	2.50	100	7.09	2.03	0.002	0.002	0.000	0.001	07/15/2020	13:29
14	L3300-03		1	2.52	100	7.04	2.06	0.003	0.003	0.000	0.001	07/15/2020	13:30
15	CCV2	0.5	1	100	100		2.01	0.000	0.377	0.377	0.474	07/15/2020	13:31
16	CCB2		1	100	100		2.02	0.000	0.000	0.000	0.001	07/15/2020	13:32
17	L3300-07		1	2.53	100	7.06	2.09	0.005	0.005	0.000	0.001	07/15/2020	13:33
18	L3301-01		1	2.57	100	7.06	2.07	0.164	0.166	0.002	0.004	07/15/2020	13:34
19	L3302-01		1	2.55	100	7.03	2.04	0.011	0.012	0.001	0.002	07/15/2020	13:35
20	L3302-03		1	2.52	100	7.02	2.03	0.048	0.050	0.002	0.004	07/15/2020	13:36
21	L3303-01		1	2.54	100	7.08	2.04	0.010	0.010	0.000	0.001	07/15/2020	13:37
22	L3303-03		1	2.58	100	7.07	2.05	0.008	0.008	0.000	0.001	07/15/2020	13:38
23	L3304-01		1	2.59	100	7.04	2.06	0.101	0.103	0.002	0.004	07/15/2020	13:39
24	L3304-03		1	2.53	100	7.03	2.04	0.006	0.006	0.000	0.001	07/15/2020	13:40
25	L3305-01		1	2.52	100	7.01	2.03	0.007	0.007	0.000	0.001	07/15/2020	13:41
26	L3305-03		1	2.50	100	7.03	2.07	0.009	0.010	0.001	0.002	07/15/2020	13:42
27	CCV3	0.5	1	100	100		2.08	0.000	0.375	0.375	0.471	07/15/2020	13:43
28	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.001	07/15/2020	13:44