

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109348

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP84488
Calibration Std. hexchrome 0.05 ppm	WP84489
calibration std. hexchrome 0.01 ppm	WP84490
calibration std. hexchrome 0 ppm	WP84491
hexavalent chromium color reagent	WP84498
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP84493
Hexavalent Chromium ICV-LCS Std	WP84492
Calibration and CCV std HexChrome 0.5PPM	WP84487
Calibration std HexChrome 1.0PPM	WP84486

Intercept: -0.0006

Slope: 0.7982

Regression: 0.999997

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	05/28/2020	15:10
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	05/28/2020	15:11
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	05/28/2020	15:12
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	05/28/2020	15:13
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	05/28/2020	15:14
6	CAL6	0.5	1	100	100		2.02	0.000	0.398	0.398	05/28/2020	15:15
7	CAL7	1	1	100	100		2.08	0.000	0.798	0.798	05/28/2020	15:16

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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		2.06	0.000	0.383	0.383	0.481	05/28/2020	15:17
2	ICB		1	100	100		2.04	0.000	0.000	0.000	0.001	05/28/2020	15:18
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.473	05/28/2020	15:19
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	05/28/2020	15:20
5	PB129138BL		1	2.53	100	7.04	2.07	0.000	0.000	0.000	0.001	05/28/2020	15:21
6	PB129138BS	20	1	2.54	100	7.06	2.09	0.000	0.368	0.368	0.462	05/28/2020	15:22
7	L2498-09		1	2.53	100	7.05	2.05	0.023	0.025	0.002	0.003	05/28/2020	15:23
8	L2498-09DUP		1	2.52	100	7.03	2.07	0.022	0.024	0.002	0.003	05/28/2020	15:24
9	L2498-09MSPre	40	2	2.51	100	7.08	2.06	0.018	0.148	0.130	0.164	05/28/2020	15:25
10	L2498-09MS2Ins	1284	40	2.53	100	7.09	2.04	0.017	0.651	0.634	0.795	05/28/2020	15:26
11	L2498-09MS3Post	40	2	2.54	100	7.07	2.03	0.018	0.346	0.328	0.412	05/28/2020	15:27
12	L2500-06		1	2.51	100	7.06	2.04	0.007	0.008	0.001	0.002	05/28/2020	15:28
13	L2505-06		1	2.53	100	7.08	2.08	0.003	0.003	0.000	0.001	05/28/2020	15:29
14	L2540-08		1	2.56	100	7.09	2.04	0.020	0.022	0.002	0.003	05/28/2020	15:30
15	CCV2	0.5	1	100	100		2.06	0.000	0.379	0.379	0.476	05/28/2020	15:31
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	05/28/2020	15:32
17	L2768-01		1	2.55	100	7.05	2.03	0.008	0.009	0.001	0.002	05/28/2020	15:33
18	L2768-03		1	2.51	100	7.03	2.05	0.010	0.011	0.001	0.002	05/28/2020	15:34
19	L2783-01		1	2.52	100	7.02	2.04	0.016	0.018	0.002	0.003	05/28/2020	15:35
20	L2790-03		1	2.55	100	7.04	2.03	0.035	0.036	0.001	0.002	05/28/2020	15:36
21	L2790-07		1	2.54	100	7.08	2.04	0.008	0.009	0.001	0.002	05/28/2020	15:37
22	L2790-11		1	2.57	100	7.04	2.09	0.028	0.030	0.002	0.003	05/28/2020	15:38
23	L2790-17		1	2.58	100	7.03	2.08	0.008	0.010	0.002	0.003	05/28/2020	15:39
24	CCV3	0.5	1	100	100		2.07	0.000	0.375	0.375	0.471	05/28/2020	15:40
25	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.001	05/28/2020	15:41