

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110140

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85719
Calibration Std. hexchrome 0.05 ppm	WP85720
calibration std. hexchrome 0.01 ppm	WP85721
calibration std. hexchrome 0 ppm	WP85722
hexavalent chromium color reagent	WP85687
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85724
Hexavalent Chromium ICV-LCS Std	WP85723
Calibration and CCV std HexChrome 0.5PPM	WP85718
Calibration std HexChrome 1.0PPM	WP85717

Intercept: -0.0002

Slope: 0.7974

Regression: 0.999999

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		2.08	0.000	0.000	0.000	07/22/2020	12:40
2	CAL2	0.01	1	100	100		2.05	0.000	0.008	0.008	07/22/2020	12:41
3	CAL3	0.025	1	100	100		2.07	0.000	0.020	0.020	07/22/2020	12:42
4	CAL4	0.05	1	100	100		2.03	0.000	0.039	0.039	07/22/2020	12:43
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	07/22/2020	12:44
6	CAL6	0.5	1	100	100		2.04	0.000	0.399	0.399	07/22/2020	12:45
7	CAL7	1	1	100	100		2.02	0.000	0.797	0.797	07/22/2020	12:46

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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	07/22/2020	12:47
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	07/22/2020	12:48
3	CCV1	0.5	1	100	100		2.06	0.000	0.390	0.390	0.489	07/22/2020	13:00
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	07/22/2020	13:01
5	PB130379BL		1	2.53	100	7.04	2.04	0.000	0.000	0.000	0.000	07/22/2020	13:02
6	PB130379BS	20	1	2.52	100	7.06	2.05	0.000	0.356	0.356	0.447	07/22/2020	13:03
7	L3184-13		1	2.53	100	7.05	2.08	0.015	0.017	0.002	0.003	07/22/2020	13:04
8	L3184-13DUP		1	2.52	100	7.03	2.07	0.014	0.016	0.002	0.003	07/22/2020	13:05
9	L3184-13MSPre	40	2	2.51	100	7.08	2.02	0.013	0.130	0.117	0.147	07/22/2020	13:06
10	L3184-13MS2Ins	1284	40	2.53	100	7.09	2.04	0.011	0.654	0.643	0.807	07/22/2020	13:07
11	L3184-13MS3Post	40	2	2.50	100	7.07	2.06	0.012	0.189	0.177	0.222	07/22/2020	13:08
12	L3186-06		1	2.51	100	7.09	2.03	0.035	0.037	0.002	0.003	07/22/2020	13:09
13	L3187-09		1	2.50	100	7.08	2.07	0.010	0.012	0.002	0.003	07/22/2020	13:10
14	L3189-01		1	2.52	100	7.05	2.08	0.017	0.018	0.001	0.002	07/22/2020	13:11
15	CCV2	0.5	1	100	100		2.07	0.000	0.387	0.387	0.486	07/22/2020	13:12
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	07/22/2020	13:13
17	L3352-01		1	2.53	100	7.06	2.04	0.012	0.013	0.001	0.002	07/22/2020	13:14
18	L3368-01		1	2.52	100	7.04	2.02	0.040	0.041	0.001	0.002	07/22/2020	13:15
19	L3370-03		1	2.55	100	7.02	2.04	0.010	0.011	0.001	0.002	07/22/2020	13:16
20	L3370-07		1	2.52	100	7.06	2.06	0.107	0.108	0.001	0.002	07/22/2020	13:17
21	L3372-01		1	2.56	100	7.04	2.01	0.028	0.029	0.001	0.002	07/22/2020	13:18
22	L3373-01		1	2.58	100	7.05	2.03	0.037	0.039	0.002	0.003	07/22/2020	13:19
23	L3374-01		1	2.54	100	7.09	2.07	0.020	0.022	0.002	0.003	07/22/2020	13:20
24	CCV3	0.5	1	100	100		2.02	0.000	0.381	0.381	0.478	07/22/2020	13:21
25	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	07/22/2020	13:22