

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109928

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85314
Calibration Std. hexchrome 0.05 ppm	WP85315
calibration std. hexchrome 0.01 ppm	WP85316
calibration std. hexchrome 0 ppm	WP85317
hexavalent chromium color reagent	WP85244
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
HEX LOD STD, 0.005PPM	WP85320
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85319
Hexavalent Chromium ICV-LCS Std	WP85318
Calibration and CCV std HexChrome 0.5PPM	WP85313

Intercept: -0.0008

Slope: 0.7981

Regression: 0.999994

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	07/09/2020	13:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	07/09/2020	13:16
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	07/09/2020	13:17
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	07/09/2020	13:18
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	07/09/2020	13:19
6	CAL6	0.5	1	100	100		2.08	0.000	0.397	0.397	07/09/2020	13:20
7	CAL7	1	1	100	100		2.02	0.000	0.798	0.798	07/09/2020	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		2.04	0.000	0.381	0.381	0.478	07/09/2020	13:22
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.001	07/09/2020	13:23
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.473	07/09/2020	13:24
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.001	07/09/2020	13:25
5	PB130067BL		1	2.51	100	7.04	2.07	0.000	0.000	0.000	0.001	07/09/2020	13:26
6	PB130067BS	20	1	2.50	100	7.06	2.08	0.000	0.356	0.356	0.447	07/09/2020	13:27
7	L3183-01		1	2.53	100	7.05	2.02	0.016	0.018	0.002	0.004	07/09/2020	13:28
8	L3183-01DUP		1	2.52	100	7.03	2.03	0.015	0.017	0.002	0.004	07/09/2020	13:29
9	L3183-01MSPre	40	2	2.51	100	7.08	2.04	0.013	0.219	0.206	0.259	07/09/2020	13:30
10	L3183-01MS2Ins	1284	40	2.53	100	7.09	2.05	0.011	0.651	0.640	0.803	07/09/2020	13:31
11	L3183-01MS3Post	40	2	2.50	100	7.07	2.07	0.012	0.239	0.227	0.285	07/09/2020	13:32
12	L3186-01		1	2.51	100	7.05	2.03	0.006	0.007	0.001	0.002	07/09/2020	13:33
13	L3187-01		1	2.55	100	7.09	2.08	0.007	0.008	0.001	0.002	07/09/2020	13:34
14	L3203-01		1	2.52	100	7.06	2.09	0.014	0.016	0.002	0.004	07/09/2020	13:35
15	CCV2	0.5	1	100	100		2.07	0.000	0.376	0.376	0.472	07/09/2020	13:36
16	CCB2		1	100	100		2.04	0.000	0.000	0.000	0.001	07/09/2020	13:37
17	L3203-05		1	2.53	100	7.08	2.09	0.012	0.013	0.001	0.002	07/09/2020	13:38
18	L3203-09		1	2.50	100	7.04	2.07	0.014	0.015	0.001	0.002	07/09/2020	13:39
19	L3203-13		1	2.55	100	7.08	2.06	0.017	0.018	0.001	0.002	07/09/2020	13:40
20	L3203-17		1	2.54	100	7.06	2.04	0.017	0.017	0.000	0.001	07/09/2020	13:41
21	L3216-03		1	2.56	100	7.04	2.06	0.000	0.004	0.004	0.006	07/09/2020	13:42
22	L3247-01		1	2.54	100	7.03	2.04	0.065	0.067	0.002	0.004	07/09/2020	13:43
23	CCV3	0.5	1	100	100		2.08	0.000	0.375	0.375	0.471	07/09/2020	13:44
24	CCB3		1	100	100		2.07	0.000	0.000	0.000	0.001	07/09/2020	13:45