

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109846

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85160
Calibration Std. hexchrome 0.05 ppm	WP85161
calibration std. hexchrome 0.01 ppm	WP85162
calibration std. hexchrome 0 ppm	WP85163
hexavalent chromium color reagent	WP85096
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP85165
Hexavalent Chromium ICV-LCS Std	WP85164
Calibration and CCV std HexChrome 0.5PPM	WP85159
Calibration std HexChrome 1.0PPM	WP85158

Intercept: -0.0004

Slope: 0.8001

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		2.04	0.000	0.000	0.000	07/02/2020	11:32
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	07/02/2020	11:33
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	07/02/2020	11:34
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	07/02/2020	11:35
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	07/02/2020	11:36
6	CAL6	0.5	1	100	100		2.08	0.000	0.399	0.399	07/02/2020	11:37
7	CAL7	1	1	100	100		2.03	0.000	0.800	0.800	07/02/2020	11:38

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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	0.382	0.382	0.478	07/02/2020	11:39
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	07/02/2020	11:40
3	CCV1	0.5	1	100	100		2.03	0.000	0.376	0.376	0.470	07/02/2020	14:12
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	07/02/2020	14:13
5	PB129938BL		1	2.54	100	7.04	2.07	0.000	0.000	0.000	0.000	07/02/2020	14:14
6	PB129938BS	20	1	2.53	100	7.06	2.08	0.000	0.357	0.357	0.447	07/02/2020	14:15
7	L3172-01		1	2.53	100	7.05	2.02	0.007	0.008	0.001	0.002	07/02/2020	14:16
8	L3172-01DUP		1	2.52	100	7.03	2.04	0.006	0.008	0.002	0.003	07/02/2020	14:17
9	L3172-01MSPre	40	2	2.51	100	7.08	2.06	0.005	0.191	0.186	0.233	07/02/2020	14:18
10	L3172-01MS2Ins	1284	40	2.53	100	7.09	2.07	0.004	0.655	0.651	0.814	07/02/2020	14:19
11	L3172-01MS3Post	40	2	2.54	100	7.07	2.09	0.003	0.254	0.251	0.314	07/02/2020	14:20
12	L3172-03		1	2.56	100	7.05	2.05	0.006	0.007	0.001	0.002	07/02/2020	14:21
13	L3172-05		1	2.55	100	7.09	2.04	0.005	0.005	0.000	0.000	07/02/2020	14:22
14	L3172-07		1	2.53	100	7.08	2.07	0.005	0.005	0.000	0.000	07/02/2020	14:23
15	CCV2	0.5	1	100	100		2.08	0.000	0.374	0.374	0.468	07/02/2020	14:24
16	CCB2		1	100	100		2.09	0.000	0.000	0.000	0.000	07/02/2020	14:25
17	L3172-09		1	2.52	100	7.06	2.03	0.024	0.026	0.002	0.003	07/02/2020	14:26
18	L3172-12		1	2.57	100	7.08	2.04	0.005	0.006	0.001	0.002	07/02/2020	14:27
19	L3172-14		1	2.59	100	7.04	2.03	0.002	0.003	0.001	0.002	07/02/2020	14:28
20	L3172-16		1	2.57	100	7.02	2.07	0.005	0.005	0.000	0.000	07/02/2020	14:29
21	L3172-18		1	2.56	100	7.04	2.04	0.021	0.023	0.002	0.003	07/02/2020	14:30
22	L3172-21		1	2.54	100	7.02	2.03	0.004	0.004	0.000	0.000	07/02/2020	14:31
23	L3172-23		1	2.58	100	7.06	2.08	0.004	0.004	0.000	0.000	07/02/2020	14:32
24	L3172-25		1	2.53	100	7.04	2.09	0.003	0.004	0.001	0.002	07/02/2020	14:33
25	L3172-27		1	2.57	100	7.07	2.04	0.005	0.006	0.001	0.002	07/02/2020	14:34
26	L3172-29		1	2.56	100	7.02	2.03	0.005	0.005	0.000	0.000	07/02/2020	14:35
27	CCV3	0.5	1	100	100		2.07	0.000	0.372	0.372	0.465	07/02/2020	14:36
28	CCB3		1	100	100		2.09	0.000	0.000	0.000	0.000	07/02/2020	14:37