

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111631

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87725
Calibration Std. hexchrome 0.05 ppm	WP87726
calibration std. hexchrome 0.01 ppm	WP87727
calibration std. hexchrome 0 ppm	WP87729
hexavalent chromium color reagent	WP87656
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP87728
Hexavalent Chromium ICV-LCS Std	WP87730
Calibration and CCV std HexChrome 0.5PPM	WP87724
Calibration std HexChrome 1.0PPM	WP87723

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	10/21/2020	11:15
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/21/2020	11:16
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	10/21/2020	11:17
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	10/21/2020	11:18
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	10/21/2020	11:19
6	CAL6	0.5	1	100	100		2.08	0.000	0.399	0.399	10/21/2020	11:20
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	10/21/2020	11:21

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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	0.382	0.382	0.478	10/21/2020	11:22
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	10/21/2020	11:23
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.472	10/21/2020	11:24
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	10/21/2020	11:25
5	PB132514BL		1	2.54	100	7.04	2.05	0.000	0.000	0.000	0.000	10/21/2020	11:26
6	PB132514BS	20	1	2.53	100	7.06	2.08	0.000	0.353	0.353	0.442	10/21/2020	11:27
7	L4221-10		1	2.53	100	7.05	2.03	0.048	0.050	0.002	0.003	10/21/2020	11:28
8	L4222-01		1	2.55	100	7.03	2.04	0.040	0.042	0.002	0.003	10/21/2020	11:29
9	L4222-01DUP		1	2.58	100	7.08	2.05	0.041	0.043	0.002	0.003	10/21/2020	11:30
10	L4222-01MSPre	40	2	2.56	100	7.09	2.07	0.035	0.183	0.148	0.185	10/21/2020	11:31
11	L4222-01MS2Ins	1284	40	2.54	100	7.07	2.09	0.033	0.651	0.618	0.773	10/21/2020	11:32
12	L4222-01MS3Post	40	2	2.56	100	7.05	2.05	0.036	0.326	0.290	0.363	10/21/2020	11:33
13	L4297-06		1	2.55	100	7.09	2.04	0.020	0.021	0.001	0.002	10/21/2020	11:34
14	L4297-07		1	2.57	100	7.04	2.06	0.075	0.076	0.001	0.002	10/21/2020	11:35
15	CCV2	0.5	1	100	100		2.04	0.000	0.380	0.380	0.475	10/21/2020	11:36
16	CCB2		1	100	100		2.03	0.000	0.000	0.000	0.000	10/21/2020	11:37
17	L4467-01		1	2.58	100	7.06	2.07	0.080	0.082	0.002	0.003	10/21/2020	11:38
18	L4467-03		1	2.59	100	7.03	2.04	0.071	0.073	0.002	0.003	10/21/2020	11:39
19	L4467-05		1	2.54	100	7.02	2.05	0.070	0.071	0.001	0.002	10/21/2020	11:40
20	L4468-01		1	2.56	100	7.04	2.04	0.062	0.064	0.002	0.003	10/21/2020	11:41
21	CCV3	0.5	1	100	100		2.03	0.000	0.381	0.381	0.477	10/21/2020	11:42
22	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	10/21/2020	11:43