

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107085

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP81050
Calibration STD Hexa Chrome 0.5 PPM	WP81051
Calibration Std. hexchrome 0.1 ppm	WP81056
Calibration Std. hexchrome 0.05 ppm	WP81055
calibration std. hexchrome 0.01 ppm	WP81054
calibration std. hexchrome 0 ppm	WP81053
Hexavalent Chromium ICV Std.	WP81058
Hexavalent Chromium CCV Std	WP81057
Hexavalent Chromium LCS Std	WP81059
hexavalent chromium color reagent	WP81041
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978

Intercept: -0.0006

Slope: 0.7979

Regression: 0.999995

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		2.03	0.000	0.000	0.000	01/08/2020	16:55
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	01/08/2020	16:56
3	CAL3	0.025	1	100	100		2.06	0.000	0.020	0.020	01/08/2020	16:57
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	01/08/2020	16:58
5	CAL5	0.1	1	100	100		2.07	0.000	0.078	0.078	01/08/2020	16:59
6	CAL6	0.5	1	100	100		2.09	0.000	0.397	0.397	01/08/2020	17:02
7	CAL7	1	1	100	100		2.07	0.000	0.798	0.798	01/08/2020	17:03

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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		2.03	0.000	0.378	0.378	0.474	01/08/2020	17:04
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.001	01/08/2020	17:05
3	CCV1	0.5	1	100	100		2.09	0.000	0.381	0.381	0.478	01/08/2020	17:06
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.001	01/08/2020	17:07
5	PB125954BL		1	2.51	100	7.06	2.05	0.000	0.000	0.000	0.001	01/08/2020	17:07
6	PB125954BS	20	1	2.53	100	7.05	2.04	0.001	0.352	0.351	0.441	01/08/2020	17:08
7	L1013-01		1	2.52	100	7.08	2.09	0.014	0.015	0.001	0.002	01/08/2020	17:09
8	L1013-01DUP		1	2.54	100	7.09	2.08	0.013	0.015	0.002	0.003	01/08/2020	17:10
9	L1013-01MSPre	40	2	2.52	100	7.04	2.04	0.014	0.204	0.190	0.239	01/08/2020	17:11
10	L1013-01MS2Ins	1284	40	2.53	100	7.08	2.07	0.012	0.654	0.642	0.805	01/08/2020	17:12
11	L1013-01MS3Post	40	2	2.56	100	7.02	2.03	0.013	0.222	0.209	0.263	01/08/2020	17:13
12	L1016-01		1	2.58	100	7.04	1.98	0.005	0.007	0.002	0.003	01/08/2020	17:14
13	L1060-01		1	2.55	100	7.09	2.03	0.025	0.027	0.002	0.003	01/08/2020	17:15
14	L1060-07		1	2.52	100	7.04	2.05	0.034	0.036	0.002	0.003	01/08/2020	17:16
15	CCV2	0.5	1	100	100		2.04	0.000	0.378	0.378	0.474	01/08/2020	17:17
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.001	01/08/2020	17:18
17	L1060-13		1	2.51	100	7.06	2.06	0.052	0.053	0.001	0.002	01/08/2020	17:19
18	CCV3	0.5	1	100	100		2.04	0.000	0.368	0.368	0.462	01/08/2020	17:20
19	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.001	01/08/2020	17:21