

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106321

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79857
Calibratation STD Hexa Chrome 0.5 PPM	WP79858
Calibration Std. hexchrome 0.1 ppm	WP79863
Calibration Std. hexchrome 0.05 ppm	WP79862
calibration std. hexchrome 0.01 ppm	WP79861
calibration std. hexchrome 0 ppm	WP79860
Hexavalent Chromium ICV Std.	WP79865
Hexavalent Chromium CCV Std	WP79864
Hexavalent Chromium LCS Std	WP79866
hexavalent chromium color reagent	WP79867
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79859

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		2.10	0.000	0.000	0.000	11/15/2019	10:35
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	11/15/2019	10:35
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	11/15/2019	10:36
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	11/15/2019	10:36
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	11/15/2019	10:37
6	CAL6	0.5	1	100	100		1.65	0.000	0.399	0.399	11/15/2019	10:37
7	CAL7	1	1	100	100		2.01	0.000	0.800	0.800	11/15/2019	10:38

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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		1.56	0.000	0.384	0.384	0.480	11/15/2019	10:38
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	11/15/2019	10:39
3	CCV1	0.5	1	100	100		2.05	0.000	0.380	0.380	0.475	11/15/2019	12:05
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	0.000	11/15/2019	12:06
5	PB124831BL		1	2.50	100	7.12	1.60	0.000	0.000	0.000	0.000	11/15/2019	12:07
6	PB124831BS	20	1	2.51	100	7.15	2.05	0.000	0.345	0.345	0.432	11/15/2019	12:08
7	K5668-05		1	2.53	100	7.50	2.10	0.012	0.012	0.000	0.000	11/15/2019	12:08
8	K5668-05DUP		1	2.51	100	7.85	1.56	0.013	0.013	0.000	0.000	11/15/2019	12:09
9	K5668-05MSPre	40	2	2.50	100	7.65	1.56	0.012	0.035	0.023	0.029	11/15/2019	12:10
10	K5668-05MS2Ins	1284	40	2.53	100	7.50	1.60	0.012	0.660	0.648	0.810	11/15/2019	12:10
11	K5668-05MS3Post	40	2	2.54	100	7.12	1.60	0.012	0.063	0.051	0.064	11/15/2019	12:11
12	K5813-01		1	2.52	100	7.15	2.05	0.135	0.137	0.002	0.003	11/15/2019	12:12
13	K5826-03		1	2.50	100	7.85	1.60	0.029	0.029	0.000	0.000	11/15/2019	12:13
14	K5826-07		1	2.53	100	7.85	2.01	0.009	0.009	0.000	0.000	11/15/2019	12:14
15	CCV2	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	11/15/2019	12:15
16	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	11/15/2019	12:15
17	K5832-01		1	2.51	100	7.85	2.00	0.008	0.008	0.000	0.000	11/15/2019	12:16
18	K5832-02		1	2.50	100	7.15	1.89	0.025	0.025	0.000	0.000	11/15/2019	12:16
19	K5832-03		1	2.54	100	7.15	1.56	0.024	0.025	0.001	0.002	11/15/2019	12:17
20	K5832-04		1	2.52	100	7.12	2.01	0.023	0.024	0.001	0.002	11/15/2019	12:17
21	K5832-05		1	2.53	100	7.25	1.89	0.016	0.018	0.002	0.003	11/15/2019	12:18
22	K5832-06		1	2.51	100	7.85	2.10	0.034	0.034	0.000	0.000	11/15/2019	12:18
23	K5832-07		1	2.53	100	7.85	1.65	0.018	0.018	0.000	0.000	11/15/2019	12:19
24	K5848-01		1	2.52	100	7.15	1.89	0.036	0.036	0.000	0.000	11/15/2019	12:19
25	CCV3	0.5	1	100	100		2.10	0.000	0.378	0.378	0.473	11/15/2019	12:20
26	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.000	11/15/2019	12:20