

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106288

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79820
Calibratation STD Hexa Chrome 0.5 PPM	WP79821
Calibration Std. hexchrome 0.1 ppm	WP79826
Calibration Std. hexchrome 0.05 ppm	WP79825
calibration std. hexchrome 0.01 ppm	WP79824
calibration std. hexchrome 0 ppm	WP79823
Hexavalent Chromium ICV Std.	WP79828
Hexavalent Chromium CCV Std	WP79827
Hexavalent Chromium LCS Std	WP79829
hexavalent chromium color reagent	WP79814
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79822

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		1.56	0.000	0.000	0.000	11/14/2019	08:20
2	CAL2	0.01	1	100	100		2.10	0.000	0.008	0.008	11/14/2019	08:20
3	CAL3	0.025	1	100	100		1.60	0.000	0.020	0.020	11/14/2019	08:21
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	11/14/2019	08:21
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	11/14/2019	08:22
6	CAL6	0.5	1	100	100		2.05	0.000	0.399	0.399	11/14/2019	08:22
7	CAL7	1	1	100	100		1.65	0.000	0.800	0.800	11/14/2019	08:23

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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	11/14/2019	08:23
2	ICB		1	100	100		1.60	0.000	0.000	0.000	0.000	11/14/2019	08:24
3	CCV1	0.5	1	100	100		2.05	0.000	0.379	0.379	0.474	11/14/2019	12:28
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	11/14/2019	12:29
5	PB124813BL		1	2.50	100	7.12	2.10	0.000	0.000	0.000	0.000	11/14/2019	12:30
6	PB124813BS	20	1	2.50	100	7.15	1.60	0.000	0.353	0.353	0.442	11/14/2019	12:31
7	K5670-05		1	2.53	100	7.50	2.05	0.049	0.049	0.000	0.000	11/14/2019	12:31
8	K5807-01		1	2.51	100	7.85	2.05	0.009	0.021	0.012	0.015	11/14/2019	12:32
9	K5807-03		1	2.50	100	7.25	1.65	0.028	0.068	0.040	0.050	11/14/2019	12:32
10	K5807-05		1	2.50	100	7.25	2.01	0.015	0.015	0.000	0.000	11/14/2019	12:33
11	K5807-07		1	2.54	100	7.50	1.60	0.007	0.020	0.013	0.017	11/14/2019	12:33
12	K5807-09		1	2.52	100	7.15	1.89	0.009	0.039	0.030	0.038	11/14/2019	12:34
13	K5807-11		1	2.50	100	7.12	2.01	0.012	0.096	0.084	0.105	11/14/2019	12:34
14	K5807-13		1	2.53	100	7.15	1.70	0.014	0.099	0.085	0.107	11/14/2019	12:35
15	CCV2	0.5	1	100	100		2.00	0.000	0.379	0.379	0.474	11/14/2019	12:35
16	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	11/14/2019	12:36
17	K5807-15		1	2.51	100	7.50	1.56	0.009	1.542	1.533	1.917	11/14/2019	12:37
18	K5807-17		1	2.50	100	7.85	2.10	0.010	3.123	3.113	3.891	11/14/2019	12:38
19	K5807-19		1	2.51	100	7.50	1.65	0.015	0.032	0.017	0.022	11/14/2019	12:38
20	K5807-21		1	2.52	100	7.25	2.01	0.001	0.046	0.045	0.057	11/14/2019	12:39
21	K5807-23		1	2.53	100	7.65	1.60	0.001	0.055	0.054	0.068	11/14/2019	12:39
22	K5807-26		1	2.52	100	7.50	1.56	0.017	0.035	0.018	0.023	11/14/2019	12:40
23	K5807-26DUP		1	2.53	100	7.12	2.15	0.017	0.035	0.018	0.023	11/14/2019	12:40
24	K5807-26MSPre	40	2	2.51	100	7.15	1.89	0.015	0.306	0.291	0.364	11/14/2019	12:41
25	K5807-26MS2Ins	1284	40	2.52	100	7.50	2.00	0.015	0.660	0.645	0.807	11/14/2019	12:41
26	K5807-26MS3Post	40	2	2.54	100	7.85	1.89	0.016	0.379	0.363	0.454	11/14/2019	12:42
27	CCV3	0.5	1	100	100		1.56	0.000	0.379	0.379	0.474	11/14/2019	12:42
28	CCB3		1	100	100		2.00	0.000	0.000	0.000	0.000	11/14/2019	12:43
29	K5807-15		5	2.51	100	7.50	1.56	0.002	0.357	0.355	0.444	11/14/2019	12:43
30	K5807-17		10	2.50	100	7.85	2.10	0.003	0.337	0.334	0.418	11/14/2019	12:44
31	CCV4	0.5	1	100	100		1.56	0.000	0.378	0.378	0.473	11/14/2019	12:45
32	CCB4		1	100	100		2.00	0.000	0.000	0.000	0.000	11/14/2019	12:45