

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106179

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP79701
Calibratation STD Hexa Chrome 0.5 PPM	WP79702
Calibration Std. hexchrome 0.1 ppm	WP79707
Calibration Std. hexchrome 0.05 ppm	WP79706
calibration std. hexchrome 0.01 ppm	WP79705
calibration std. hexchrome 0 ppm	WP79704
Hexavalent Chromium ICV Std.	WP79709
Hexavalent Chromium CCV Std	WP79708
Hexavalent Chromium LCS Std	WP79710
hexavalent chromium color reagent	WP79627
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP79703

Intercept: -0.0002

Slope: 0.7998

Regression: 0.999997

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	11/08/2019	13:32
2	CAL2	0.01	1	100	100		1.69	0.000	0.009	0.009	11/08/2019	13:32
3	CAL3	0.025	1	100	100		1.98	0.000	0.020	0.020	11/08/2019	13:33
4	CAL4	0.05	1	100	100		1.89	0.000	0.039	0.039	11/08/2019	13:33
5	CAL5	0.1	1	100	100		1.75	0.000	0.079	0.079	11/08/2019	13:34
6	CAL6	0.5	1	100	100		1.85	0.000	0.399	0.399	11/08/2019	13:34
7	CAL7	1	1	100	100		2.13	0.000	0.800	0.800	11/08/2019	13:35

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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		1.69	0.000	0.382	0.382	0.478	11/08/2019	13:35
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	11/08/2019	13:36
3	CCV1	0.5	1	100	100		1.98	0.000	0.380	0.380	0.475	11/08/2019	13:36
4	CCB1		1	100	100		1.89	0.000	0.000	0.000	0.000	11/08/2019	13:37
5	PB124654BL		1	2.51	100	7.22	1.75	0.000	0.000	0.000	0.000	11/08/2019	13:37
6	PB124654BS	20	1	2.50	100	7.26	1.85	0.000	0.380	0.380	0.475	11/08/2019	13:38
7	K5723-01		1	2.53	100	7.23	1.89	0.015	0.015	0.000	0.000	11/08/2019	13:38
8	K5723-01DUP		1	2.51	100	7.16	1.69	0.015	0.015	0.000	0.000	11/08/2019	13:39
9	K5723-01MSPre	40	2	2.50	100	7.23	1.89	0.015	0.365	0.350	0.438	11/08/2019	13:39
10	K5723-01MS2Ins	1284	40	2.54	100	7.15	1.89	0.012	0.660	0.648	0.810	11/08/2019	13:40
11	K5723-01MS3Post	40	2	2.51	100	7.42	1.89	0.015	0.391	0.376	0.470	11/08/2019	13:40
12	K5723-02		1	2.52	100	7.42	1.75	0.018	0.018	0.000	0.000	11/08/2019	13:41
13	K5723-03		1	2.53	100	7.23	1.85	0.020	0.020	0.000	0.000	11/08/2019	13:41
14	K5723-04		1	2.54	100	7.20	2.10	0.026	0.026	0.000	0.000	11/08/2019	13:42
15	CCV2	0.5	1	100	100		1.69	0.000	0.381	0.381	0.477	11/08/2019	13:42
16	CCB2		1	100	100		1.98	0.000	0.000	0.000	0.000	11/08/2019	13:43
17	K5723-05		1	2.51	100	7.32	1.89	0.019	0.019	0.000	0.000	11/08/2019	13:43
18	K5723-06		1	2.50	100	7.35	2.10	0.018	0.018	0.000	0.000	11/08/2019	13:44
19	K5723-07		1	2.52	100	7.26	1.89	0.009	0.009	0.000	0.000	11/08/2019	13:44
20	K5723-08		1	2.53	100	7.22	1.89	0.026	0.026	0.000	0.000	11/08/2019	13:45
21	K5723-09		1	2.52	100	7.42	1.89	0.004	0.004	0.000	0.000	11/08/2019	13:45
22	K5723-10		1	2.51	100	7.42	2.06	0.011	0.011	0.000	0.000	11/08/2019	13:46
23	K5723-11		1	2.53	100	7.42	2.13	0.006	0.006	0.000	0.000	11/08/2019	13:46
24	K5723-12		1	2.53	100	7.23	2.11	0.009	0.009	0.000	0.000	11/08/2019	13:47
25	PB124660BL		1	2.52	100	7.26	2.11	0.000	0.000	0.000	0.000	11/08/2019	13:47
26	PB124660BS	20	1	2.50	100	7.22	2.05	0.000	0.382	0.382	0.478	11/08/2019	13:48
27	CCV3	0.5	1	100	100		1.98	0.000	0.379	0.379	0.474	11/08/2019	13:48
28	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	11/08/2019	13:49
29	K5723-13		1	2.50	100	7.42	2.10	0.007	0.007	0.000	0.000	11/08/2019	13:49
30	K5723-13DUP		1	2.53	100	7.24	1.69	0.007	0.007	0.000	0.000	11/08/2019	13:50
31	K5723-13MSPre	40	2	2.52	100	7.27	1.89	0.007	0.365	0.358	0.448	11/08/2019	13:50
32	K5723-13MS2Ins	1284	40	2.53	100	7.36	1.98	0.016	0.658	0.642	0.803	11/08/2019	13:51
33	K5723-13MS3Post	40	2	2.50	100	7.24	2.10	0.007	0.392	0.385	0.482	11/08/2019	13:51
34	K5723-14		1	2.50	100	7.18	1.75	0.011	0.011	0.000	0.000	11/08/2019	13:52
35	K5723-15		1	2.51	100	7.14	2.13	0.005	0.005	0.000	0.000	11/08/2019	13:52
36	K5723-16		1	2.52	100	7.16	1.89	0.048	0.048	0.000	0.000	11/08/2019	13:53
37	K5730-01		1	2.53	100	7.24	2.05	0.076	0.076	0.000	0.000	11/08/2019	13:53
38	K5746-05		1	2.53	100	7.16	1.75	0.034	0.034	0.000	0.000	11/08/2019	13:54
39	CCV4	0.5	1	100	100		1.85	0.000	0.376	0.376	0.470	11/08/2019	13:55
40	CCB4		1	100	100		2.03	0.000	0.000	0.000	0.000	11/08/2019	13:55