

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104116

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP76586
Calibratation STD Hexa Chrome 0.5 PPM	WP76587
Calibration Std. hexchrome 0.1 ppm	WP76588
Calibration Std. hexchrome 0.05 ppm	WP76589
calibration std. hexchrome 0.01 ppm	WP76590
calibration std. hexchrome 0 ppm	WP76591
Hexavalent Chromium ICV Std.	WP76592
Hexavalent Chromium CCV Std	WP76593
Hexavalent Chromium LCS Std	WP76597
hexavalent chromium color reagent	WP76583
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP76594

Intercept: 0.0004

Slope: 0.8008

Regression: 0.999999

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	07/20/2019	12:55
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	07/20/2019	12:56
3	CAL3	0.025	1	100	100		2.05	0.000	0.021	0.021	07/20/2019	12:57
4	CAL4	0.05	1	100	100		2.01	0.000	0.040	0.040	07/20/2019	12:58
5	CAL5	0.1	1	100	100		1.60	0.000	0.081	0.081	07/20/2019	12:59
6	CAL6	0.5	1	100	100		1.56	0.000	0.401	0.401	07/20/2019	13:00
7	CAL7	1	1	100	100		2.15	0.000	0.801	0.801	07/20/2019	13:01

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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		1.65	0.000	0.410	0.410	0.511	07/20/2019	13:02
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	07/20/2019	13:05
3	CCV1	0.5	1	100	100		2.05	0.000	0.403	0.403	0.503	07/20/2019	13:10
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	0.000	07/20/2019	13:13
5	PB121577BL		1	2.52	100	7.25	1.65	0.000	0.000	0.000	0.000	07/20/2019	13:14
6	PB121577BS	20	1	2.56	100	7.25	1.60	0.000	0.380	0.380	0.474	07/20/2019	13:14
7	K3617-01		1	2.53	100	7.65	2.08	0.029	0.029	0.000	0.000	07/20/2019	13:15
8	K3617-01DUP		1	2.51	100	7.85	1.66	0.029	0.029	0.000	0.000	07/20/2019	13:16
9	K3617-01MSPre	40	2	2.50	100	7.12	2.01	0.029	0.215	0.186	0.232	07/20/2019	13:16
10	K3617-01MS2Ins	1284	40	2.53	100	7.15	1.65	0.029	0.645	0.616	0.769	07/20/2019	13:17
11	K3617-01MS3Post	40	2	2.54	100	7.25	1.56	0.029	0.317	0.288	0.359	07/20/2019	13:18
12	K3617-03		1	2.51	100	7.18	1.60	0.016	0.016	0.000	0.000	07/20/2019	13:19
13	K3621-05		1	2.50	100	7.27	2.05	0.019	0.019	0.000	0.000	07/20/2019	13:20
14	K3622-09		1	2.55	100	7.65	1.89	0.012	0.012	0.000	0.000	07/20/2019	13:21
15	CCV2	0.5	1	100	100		1.82	0.000	0.399	0.399	0.498	07/20/2019	13:22
16	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	07/20/2019	13:23
17	K3622-11		1	2.51	100	7.17	1.65	0.016	0.016	0.000	0.000	07/20/2019	13:24
18	K3835-43		1	2.53	100	7.85	1.58	0.035	0.036	0.001	0.001	07/20/2019	13:25
19	K3900-01		1	2.52	100	7.28	2.22	0.010	0.010	0.000	0.000	07/20/2019	13:26
20	K3903-05		1	2.53	100	7.44	2.10	0.026	0.026	0.000	0.000	07/20/2019	13:27
21	K3903-06		1	2.54	100	7.16	2.00	0.028	0.028	0.000	0.000	07/20/2019	13:28
22	K3911-03		1	2.55	100	7.27	2.35	0.017	0.017	0.000	0.000	07/20/2019	13:29
23	K3928-01		1	2.51	100	7.41	2.13	0.019	0.019	0.000	0.000	07/20/2019	13:30
24	PB121579BL		1	2.52	100	7.09	2.15	0.000	0.000	0.000	0.000	07/20/2019	13:31
25	PB121579BS	20	1	2.51	100	7.15	2.11	0.000	0.373	0.373	0.465	07/20/2019	13:32
26	K3835-45		1	2.53	100	7.20	1.98	0.013	0.013	0.000	0.000	07/20/2019	13:33
27	CCV3	0.5	1	100	100		1.85	0.000	0.401	0.401	0.500	07/20/2019	13:34
28	CCB3		1	100	100		1.75	0.000	0.000	0.000	0.000	07/20/2019	13:35
29	K3835-45DUP		1	2.51	100	7.62	1.82	0.013	0.013	0.000	0.000	07/20/2019	13:36
30	K3835-45MSPre	40	2	2.55	100	7.32	1.89	0.013	0.245	0.232	0.289	07/20/2019	13:37
31	K3835-45MS2Ins	1284	40	2.50	100	7.52	2.03	0.013	0.648	0.635	0.792	07/20/2019	13:38
32	K3835-45MS3Post	40	2	2.51	100	7.51	2.11	0.013	0.318	0.305	0.380	07/20/2019	13:39
33	K3866-01		1	2.52	100	7.11	2.16	0.009	0.019	0.010	0.012	07/20/2019	13:40
34	K3868-05		1	2.54	100	7.13	2.14	0.008	0.008	0.000	0.000	07/20/2019	13:41
35	K3868-07		1	2.52	100	7.25	2.19	0.021	0.021	0.000	0.000	07/20/2019	13:42
36	K3868-09		1	2.53	100	7.50	1.98	0.015	0.015	0.000	0.000	07/20/2019	13:49
37	K3868-11		1	2.50	100	7.89	1.65	0.018	0.018	0.000	0.000	07/20/2019	13:50
38	K3881-01		1	2.51	100	7.17	2.10	0.010	0.010	0.000	0.000	07/20/2019	13:51
39	CCV4	0.5	1	100	100		1.65	0.000	0.400	0.400	0.499	07/20/2019	13:52
40	CCB4		1	100	100		2.01	0.000	0.000	0.000	0.000	07/20/2019	13:53
41	K3887-01		1	2.51	100	7.65	1.58	0.019	0.019	0.000	0.000	07/20/2019	13:54
42	K3887-03		1	2.53	100	7.51	1.57	0.017	0.017	0.000	0.000	07/20/2019	13:55

43	K3887-05		1	2.55	100	7.59	2.14	0.018	0.018	0.000	0.000	07/20/2019	13:56
44	K3887-07		1	2.50	100	7.50	2.19	0.020	0.020	0.000	0.000	07/20/2019	13:57
45	CCV5	0.5	1	100	100		1.95	0.000	0.403	0.403	0.503	07/20/2019	13:58
46	CCB5		1	100	100		2.06	0.000	0.000	0.000	0.000	07/20/2019	13:59