

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100764

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71590
Calibration Std. hexchrome 0.05 ppm	WP71589
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP71596
Calibratation STD HexaChrome 1 PPM	WP71593
Calibratation STD Hexa Chrome 0.5 PPM	WP71592
calibration std. hexchrome 0.01 ppm	WP71588
calibration std. hexchrome 0 ppm	WP71587
Hexavalent Chromium ICV Std.	WP71595
Hexavalent Chromium CCV Std	WP71594
hexavalent chromium color reagent	WP71527
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0001

Slope: 0.7703

Regression: 0.999976

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		2.02	0.000	0.000	0.000	02/11/2019	10:59
2	CAL2	0.01	1	100	100		1.99	0.000	0.008	0.008	02/11/2019	10:59
3	CAL3	0.025	1	100	100		2.03	0.000	0.016	0.016	02/11/2019	11:00
4	CAL4	0.05	1	100	100		2.06	0.000	0.039	0.039	02/11/2019	11:00
5	CAL5	0.1	1	100	100		2.09	0.000	0.079	0.079	02/11/2019	11:01
6	CAL6	0.5	1	100	100		2.017	0.000	0.388	0.388	02/11/2019	11:02
7	CAL7	1	1	100	100		2.20	0.000	0.769	0.769	02/11/2019	11:03

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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		1.90	0.000	0.392	0.392	0.509	02/11/2019	11:03
2	ICB		1	100	100		1.93	0.000	0.000	0.000	0.000	02/11/2019	11:04
3	CCV1	0.5	1	100	100		2.01	0.000	0.396	0.396	0.514	02/11/2019	11:05
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	02/11/2019	11:05
5	PB117002BL		1	2.51	100	7.05	2.06	0.000	0.000	0.000	0.000	02/11/2019	11:06
6	PB117002BS	20	1	2.53	100	7.25	2.11	0.000	0.367	0.367	0.476	02/11/2019	11:25
7	K1356-05		1	2.55	100	7.12	1.88	0.048	0.048	0.000	0.000	02/11/2019	11:26
8	K1356-07		1	2.52	100	7.19	1.90	0.046	0.052	0.006	0.008	02/11/2019	11:27
9	K1423-01		1	2.55	100	7.80	1.65	0.036	0.036	0.000	0.000	02/11/2019	11:30
10	K1424-01		1	2.54	100	7.45	1.78	0.482	0.482	0.000	0.000	02/11/2019	11:31
11	K1450-01		1	2.55	100	7.60	1.79	0.022	0.022	0.000	0.000	02/11/2019	11:33
12	K1450-03		1	2.50	100	7.43	1.55	0.035	0.035	0.000	0.000	02/11/2019	11:33
13	K1452-01		1	2.55	100	7.26	1.60	0.034	0.034	0.000	0.000	02/11/2019	11:35
14	K1453-03		1	2.55	100	7.16	1.86	0.007	0.019	0.012	0.015	02/11/2019	11:36
15	CCV2	0.5	1	100	100		1.99	0.000	0.389	0.389	0.505	02/11/2019	11:38
16	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	02/11/2019	11:38
17	K1453-03DUP		1	2.54	100	7.20	1.78	0.008	0.020	0.012	0.015	02/11/2019	11:38
18	K1453-03MSPre	40	2	2.53	100	7.19	2.06	0.006	0.375	0.369	0.479	02/11/2019	11:38
19	K1453-03MS2Ins	1284	40	2.51	100	7.35	2.18	0.005	0.611	0.606	0.787	02/11/2019	11:39
20	K1453-03MS3Post	40	2	2.53	100	7.36	2.26	0.006	0.381	0.375	0.487	02/11/2019	11:40
21	K1453-07		1	2.54	100	7.88	2.30	0.017	0.017	0.000	0.000	02/11/2019	11:40
22	K1453-11		1	2.54	100	7.39	2.31	0.019	0.019	0.000	0.000	02/11/2019	11:41
23	K1453-15		1	2.55	100	7.65	2.45	0.021	0.021	0.000	0.000	02/11/2019	11:42
24	K1454-01		1	2.50	100	7.66	2.46	0.023	0.036	0.013	0.017	02/11/2019	11:42
25	CCV3	0.5	1	100	100		2.25	0.000	0.368	0.368	0.478	02/11/2019	11:44
26	CCB3		1	100	100		2.20	0.000	0.000	0.000	0.000	02/11/2019	11:45