

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100729

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71518
Calibration Std. hexchrome 0.05 ppm	WP71517
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP71523
Calibratation STD HexaChrome 1 PPM	WP71511
Calibratation STD Hexa Chrome 0.5 PPM	WP71512
calibration std. hexchrome 0.01 ppm	WP71515
calibration std. hexchrome 0 ppm	WP71514
Hexavalent Chromium ICV Std.	WP71521
Hexavalent Chromium CCV Std	WP71520
hexavalent chromium color reagent	WP71527
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0003

Slope: 0.7713

Regression: 0.999979

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	02/08/2019	08:00
2	CAL2	0.01	1	100	100		1.91	0.000	0.008	0.008	02/08/2019	08:00
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	02/08/2019	08:01
4	CAL4	0.05	1	100	100		1.55	0.000	0.039	0.039	02/08/2019	08:01
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	02/08/2019	08:02
6	CAL6	0.5	1	100	100		2.08	0.000	0.389	0.389	02/08/2019	08:02
7	CAL7	1	1	100	100		2.33	0.000	0.770	0.770	02/08/2019	08:03

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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		2.33	0.000	0.390	0.390	0.505	02/08/2019	08:03
2	ICB		1	100	100		1.58	0.000	0.000	0.000	0.000	02/08/2019	08:04
3	CCV1	0.5	1	100	100		1.78	0.000	0.389	0.389	0.504	02/08/2019	11:30
4	CCB1		1	100	100		1.82	0.000	0.000	0.000	0.000	02/08/2019	11:31
5	PB116952BL		1	2.50	100	7.50	1.90	0.000	0.000	0.000	0.000	02/08/2019	11:31
6	PB116952BS	20	1	2.51	100	6.90	.00	0.000	0.367	0.367	0.475	02/08/2019	11:32
7	K1348-01		1	2.51	100	7.10	2.03	0.016	0.016	0.000	0.000	02/08/2019	11:33
8	K1349-01		1	2.52	100	7.28	2.16	0.020	0.020	0.000	0.000	02/08/2019	11:33
9	K1349-03		1	2.50	100	7.03	2.48	0.012	0.012	0.000	0.000	02/08/2019	11:34
10	K1404-02		1	2.50	100	7.50	2.31	0.001	0.001	0.000	0.000	02/08/2019	11:34
11	K1404-02DUP		1	2.55	100	7.61	1.77	0.000	0.000	0.000	0.000	02/08/2019	11:35
12	K1404-03MSPre	40	2	2.51	100	7.37	1.80	0.002	0.338	0.336	0.435	02/08/2019	11:35
13	K1404-03MS2Ins	1284	40	2.52	100	7.80	1.96	0.003	0.612	0.609	0.789	02/08/2019	11:36
14	K1404-03MS3Post	40	2	2.51	100	7.14	2.01	0.001	0.364	0.363	0.470	02/08/2019	11:37
15	CCV2	0.5	1	100	100		2.04	0.000	0.385	0.385	0.499	02/08/2019	11:37
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.000	02/08/2019	11:37
17	K1404-05		1	2.55	100	7.49	2.30	0.005	0.005	0.000	0.000	02/08/2019	11:37
18	K1404-06		1	2.52	100	7.62	1.61	0.011	0.011	0.000	0.000	02/08/2019	11:38
19	K1404-07		1	2.54	100	7.38	1.62	0.002	0.002	0.000	0.000	02/08/2019	11:38
20	K1404-08		1	2.53	100	7.82	1.78	0.004	0.004	0.000	0.000	02/08/2019	11:39
21	K1422-01		1	2.51	100	7.90	1.93	0.005	0.005	0.000	0.000	02/08/2019	11:39
22	CCV3	0.5	1	100	100		1.90	0.000	0.393	0.393	0.509	02/08/2019	11:40
23	CCB3		1	100	100		1.91	0.000	0.000	0.000	0.000	02/08/2019	11:40