

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: AMANDEEP

Run Number: LB103852

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP76107
Calibratation STD Hexa Chrome 0.5 PPM	WP76108
Calibration Std. hexchrome 0.1 ppm	WP76109
Calibration Std. hexchrome 0.05 ppm	WP76110
calibration std. hexchrome 0.01 ppm	WP76111
calibration std. hexchrome 0 ppm	WP76112
Hexavalent Chromium ICV Std.	WP76113
Hexavalent Chromium CCV Std	WP76114
hexavalent chromium color reagent	WP76068
5N sulfuric acid	WP75751
Calibration std Hexachrome, 0.025ppm	WP76116
HNO3 Hex-Chrome, 5M	WP74162

Intercept: 0.0003

Slope: 0.7817

Regression: 0.999954

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		2.18	0.000	0.000	0.000	07/09/2019	11:24
2	CAL2	0.01	1	100	100		2.10	0.000	0.007	0.007	07/09/2019	11:25
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	07/09/2019	11:26
4	CAL4	0.05	1	100	100		1.81	0.000	0.039	0.039	07/09/2019	11:27
5	CAL5	0.1	1	100	100		2.16	0.000	0.079	0.079	07/09/2019	11:28
6	CAL6	0.5	1	100	100		2.10	0.000	0.397	0.397	07/09/2019	11:29
7	CAL7	1	1	100	100		1.77	0.000	0.779	0.779	07/09/2019	11:30

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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		2.10	0.000	0.388	0.388	0.496	07/09/2019	11:39
2	ICB		1	100	100		2.22	0.000	0.000	0.000	0.000	07/09/2019	11:39
3	CCV1	0.5	1	100	100		2.25	0.000	0.389	0.389	0.497	07/09/2019	11:40
4	CCB1		1	100	100		1.97	0.000	0.000	0.000	0.000	07/09/2019	11:41
5	PB121231BL		1	2.52	100	7.16	1.95	0.000	0.000	0.000	0.000	07/09/2019	11:41
6	PB121231BS	20	1	2.53	100	7.08	2.01	0.000	0.356	0.356	0.455	07/09/2019	11:42
7	K3627-01		1	2.52	100	7.63	2.13	0.060	0.061	0.001	0.001	07/09/2019	11:42
8	K3627-01DUP		1	2.53	100	7.33	2.11	0.060	0.060	0.000	0.000	07/09/2019	11:43
9	K3627-01MSPre	40	2	2.51	100	7.10	2.18	0.060	0.092	0.032	0.041	07/09/2019	11:43
10	K3627-01MS2Ins	1284	40	2.55	100	7.16	2.10	0.060	0.630	0.570	0.729	07/09/2019	11:44
11	K3627-01MS3Post	40	2	2.59	100	7.81	2.16	0.060	0.156	0.096	0.122	07/09/2019	11:44
12	K3693-01		1	2.53	100	7.33	1.98	0.077	0.077	0.000	0.000	07/09/2019	11:45
13	K3694-01		1	2.57	100	7.63	1.81	0.028	0.028	0.000	0.000	07/09/2019	11:46
14	K3697-01		1	2.54	100	7.11	2.18	0.013	0.013	0.000	0.000	07/09/2019	11:46
15	CCV2	0.5	1	100	100		2.16	0.000	0.390	0.390	0.499	07/09/2019	11:47
16	CCB2		1	100	100		2.31	0.000	0.000	0.000	0.000	07/09/2019	11:47
17	K3697-04		1	2.52	100	7.23	2.26	0.014	0.015	0.001	0.001	07/09/2019	11:48
18	K3699-01		1	2.51	100	7.21	2.18	0.014	0.014	0.000	0.000	07/09/2019	12:48
19	K3700-01		1	2.53	100	7.08	2.14	0.047	0.048	0.001	0.001	07/09/2019	12:49
20	K3703-01		1	2.57	100	7.75	2.11	0.017	0.017	0.000	0.000	07/09/2019	12:50
21	CCV3	0.5	1	100	100		2.13	0.000	0.388	0.388	0.496	07/09/2019	12:51
22	CCB3		1	100	100		2.19	0.000	0.000	0.000	0.000	07/09/2019	12:52