

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100726

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
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
Calibration std Hexachrome, 0.025ppm	WP71513

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		2.30	0.000	0.390	0.390	0.505	02/08/2019	08:04
4	CCB1		1	100	100		1.50	0.000	0.000	0.000	0.000	02/08/2019	08:05
5	PB116905BL		1	2.51	100	7.77	1.52	0.000	0.000	0.000	0.000	02/08/2019	08:06
6	PB116905BS	20	1	2.50	100	7.75	1.55	0.000	0.366	0.366	0.474	02/08/2019	08:06
7	K1385-01		1	2.53	100	7.12	1.56	0.006	0.024	0.018	0.023	02/08/2019	08:07
8	K1385-01DUP		1	2.54	100	7.26	1.60	0.007	0.022	0.015	0.019	02/08/2019	08:07
9	K1385-02MSPre	40	2	2.53	100	7.54	2.10	0.007	0.354	0.347	0.450	02/08/2019	08:08
10	K1385-02MS2Ins	1284	40	2.50	100	7.52	2.20	0.006	0.616	0.610	0.790	02/08/2019	08:08
11	K1385-02MS3Post	40	2	2.51	100	7.50	2.20	0.008	0.360	0.352	0.456	02/08/2019	08:09
12	K1385-04		1	2.52	100	7.12	1.60	0.007	0.015	0.008	0.010	02/08/2019	08:09
13	K1385-06		1	2.52	100	7.23	1.52	0.005	0.009	0.004	0.005	02/08/2019	08:10
14	K1389-03		1	2.54	100	7.49	1.68	0.023	0.025	0.002	0.002	02/08/2019	08:10
15	CCV2	0.5	1	100	100		1.56	0.000	0.389	0.389	0.504	02/08/2019	08:11
16	CCB2		1	100	100		2.33	0.000	0.000	0.000	0.000	02/08/2019	08:11
17	K1389-07		1	2.51	100	7.63	1.56	0.023	0.023	0.000	0.000	02/08/2019	08:12
18	K1389-11		1	2.50	100	7.25	2.02	0.015	0.015	0.000	0.000	02/08/2019	08:12
19	K1389-15		1	2.54	100	7.68	2.15	0.041	0.043	0.002	0.002	02/08/2019	08:13
20	K1389-19		1	2.53	100	7.54	2.20	0.009	0.016	0.007	0.009	02/08/2019	08:13
21	K1401-01		1	2.54	100	7.85	2.45	0.013	0.021	0.008	0.010	02/08/2019	08:14
22	K1401-03		1	2.55	100	7.65	2.33	0.017	0.017	0.000	0.000	02/08/2019	08:14
23	K1401-05		1	2.53	100	7.85	1.59	0.011	0.011	0.000	0.000	02/08/2019	08:15
24	K1401-07		1	2.50	100	7.65	1.65	0.088	0.088	0.000	0.000	02/08/2019	08:15
25	K1401-09		1	2.55	100	7.45	1.80	0.021	0.029	0.008	0.010	02/08/2019	08:16
26	CCV3	0.5	1	100	100		1.55	0.000	0.392	0.392	0.508	02/08/2019	08:16
27	CCB3		1	100	100		1.65	0.000	0.000	0.000	0.000	02/08/2019	08:17

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX020719

WorkList ID : 122041

Date : 02-07-2019 08:42:55

AB 100726

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/11/2019	Solid	K1389-03	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	M-4	02/06/2019	7196A
02/11/2019	Solid	K1389-07	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	M-6	02/06/2019	7196A
02/11/2019	Solid	K1389-11	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	M-5S	02/06/2019	7196A
02/11/2019	Solid	K1389-15	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	M-5-D	02/06/2019	7196A
02/11/2019	Solid	K1389-19	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	M-7-S	02/06/2019	7196A
02/11/2019	Solid	K1401-01	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	RBR-200050	02/06/2019	7196A
02/11/2019	Solid	K1401-03	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	RBR-200028	02/06/2019	7196A
02/11/2019	Solid	K1401-05	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	RT-3425	02/06/2019	7196A
02/11/2019	Solid	K1401-07	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	RT-3451	02/06/2019	7196A
02/11/2019	Solid	K1401-09	Hexavalent Chromium	Cool 4 deg C	PSEG01	K31	RBR-200052	02/06/2019	7196A
02/19/2019	Solid	K1385-01	Hexavalent Chromium	Cool 4 deg C	PARS15	L43	98-SB-01-2-4	02/05/2019	7196A
02/19/2019	Solid	K1385-02	Hexavalent Chromium	Cool 4 deg C	PARS15	L43	K1385-01MS	02/05/2019	7196A
02/19/2019	Solid	K1385-04	Hexavalent Chromium	Cool 4 deg C	PARS15	L43	98-SB-101-2-4	02/05/2019	7196A
02/19/2019	Solid	K1385-06	Hexavalent Chromium	Cool 4 deg C	PARS15	L43	98-SB-01-4-57	02/05/2019	7196A

Date/Time 02/07/19, 09:10
 Received by: AS
 Relinquished by: CS

Date/Time 02/07/19, 11:00
 Received by: CS
 Relinquished by: AS