

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108289

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration STD HexaChrome 1 PPM	WP82927
Calibration STD Hexa Chrome 0.5 PPM	WP82928
Calibration Std. hexchrome 0.1 ppm	WP82929
Calibration Std. hexchrome 0.05 ppm	WP82930
calibration std. hexchrome 0.01 ppm	WP82931
calibration std. hexchrome 0 ppm	WP82932
Hexavalent Chromium CCV Std	WP82934
hexavalent chromium color reagent	WP82865
5N sulfuric acid	WP79628
HNO3 Hex-Chrome, 5M	WP80978
Calibration Std Hexachrome 0.025 ppm	WP82935
Hexavalent Chromium ICV-LCS Std	WP82933

Intercept: 0.0002

Slope: 0.7571

Regression: 0.999994

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		2.07	0.000	0.000	0.000	03/16/2020	13:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	03/16/2020	13:11
3	CAL3	0.025	1	100	100		2.03	0.000	0.019	0.019	03/16/2020	13:12
4	CAL4	0.05	1	100	100		2.06	0.000	0.037	0.037	03/16/2020	13:13
5	CAL5	0.1	1	100	100		2.04	0.000	0.078	0.078	03/16/2020	13:14
6	CAL6	0.5	1	100	100		2.02	0.000	0.379	0.379	03/16/2020	13:15
7	CAL7	1	1	100	100		2.06	0.000	0.757	0.757	03/16/2020	13:16

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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		2.07	0.000	0.388	0.388	0.512	03/16/2020	13:17
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	03/16/2020	13:18
3	CCV1	0.5	1	100	100		2.03	0.000	0.377	0.377	0.498	03/16/2020	13:19
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	0.000	03/16/2020	13:20
5	PB127578BL		1	2.52	100	7.03	2.04	0.000	0.000	0.000	0.000	03/16/2020	13:21
6	PB127578BS	20	1	2.50	100	7.08	2.02	0.000	0.355	0.355	0.469	03/16/2020	13:22
7	L1933-01		1	2.53	100	7.05	2.06	0.003	0.012	0.009	0.012	03/16/2020	13:23
8	L1933-01DUP		1	2.52	100	7.06	2.07	0.003	0.011	0.008	0.010	03/16/2020	13:24
9	L1933-01MSPre	40	2	2.51	100	7.04	2.08	0.002	0.329	0.327	0.432	03/16/2020	13:25
10	L1933-01MS2Ins	1284	40	2.53	100	7.07	2.09	0.002	0.657	0.655	0.865	03/16/2020	13:26
11	L1933-01MS3Post	40	2	2.50	100	7.08	2.07	0.002	0.349	0.347	0.458	03/16/2020	13:27
12	L1933-04		1	2.51	100	7.09	2.03	0.010	0.011	0.001	0.001	03/16/2020	13:28
13	L1937-03		1	2.50	100	7.04	2.04	0.002	0.002	0.000	0.000	03/16/2020	13:29
14	L1942-02		1	2.52	100	7.05	2.05	0.004	0.004	0.000	0.000	03/16/2020	13:30
15	CCV2	0.5	1	100	100		2.06	0.000	0.378	0.378	0.499	03/16/2020	13:31
16	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.000	03/16/2020	13:32
17	L1942-06		1	2.53	100	7.06	2.06	0.005	0.006	0.001	0.001	03/16/2020	13:33
18	L1942-13		1	2.50	100	7.04	2.05	0.023	0.025	0.002	0.002	03/16/2020	13:34
19	L1942-17		1	2.55	100	7.06	2.04	0.001	0.001	0.000	0.000	03/16/2020	13:35
20	L1942-21		1	2.52	100	7.09	2.03	0.005	0.005	0.000	0.000	03/16/2020	13:36
21	L1942-25		1	2.51	100	7.02	2.07	0.006	0.007	0.001	0.001	03/16/2020	13:37
22	L1943-02		1	2.53	100	7.05	2.06	0.006	0.006	0.000	0.000	03/16/2020	13:38
23	L1943-06		1	2.51	100	7.03	2.04	0.008	0.009	0.001	0.001	03/16/2020	13:39
24	L1943-10		1	2.50	100	7.01	2.03	0.005	0.005	0.000	0.000	03/16/2020	13:40
25	CCV3	0.5	1	100	100		2.04	0.000	0.381	0.381	0.503	03/16/2020	13:41
26	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.000	03/16/2020	13:42