

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112938

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89311
Calibration Std. hexchrome 0.05 ppm	WP89312
calibration std. hexchrome 0.01 ppm	WP89313
calibration std. hexchrome 0 ppm	WP89314
hexavalent chromium color reagent	WP89317
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89316
Hexavalent Chromium ICV-LCS Std	WP89315
Calibration and CCV std HexChrome 0.5PPM	WP89310
Calibration std HexChrome 1.0PPM	WP89309

Intercept: 0.001

Slope: 0.7633

Regression: 0.999999

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	7.15	2.03	0.000	0.001	0.001	01/27/2021	13:10
2	CAL2	0.01	1	100	100	7.26	2.15	0.001	0.009	0.008	01/27/2021	13:10
3	CAL3	0.025	1	100	100	7.34	1.98	0.002	0.022	0.020	01/27/2021	13:11
4	CAL4	0.05	1	100	100	7.08	1.88	0.000	0.039	0.039	01/27/2021	13:12
5	CAL5	0.1	1	100	100	7.16	1.78	0.001	0.079	0.078	01/27/2021	13:13
6	CAL6	0.5	1	100	100	7.24	2.34	0.002	0.385	0.383	01/27/2021	13:14
7	CAL7	1	1	100	100	7.08	2.41	0.001	0.765	0.764	01/27/2021	13:15

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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	7.14	2.14	0.000	0.384	0.384	0.502	01/27/2021	13:16
2	ICB		1	100	100	7.25	1.98	0.000	0.000	0.000	-0.001	01/27/2021	13:16
3	CCV1	0.5	1	100	100	7.34	1.88	0.000	0.382	0.382	0.499	01/27/2021	13:17
4	CCB1		1	100	100	7.14	1.79	0.000	0.000	0.000	-0.001	01/27/2021	13:18
5	PB134343BL		1	2.50	100	7.23	2.08	0.000	0.000	0.000	-0.001	01/27/2021	13:19
6	PB134343BS	20	1	2.50	100	7.34	2.34	0.004	0.354	0.350	0.457	01/27/2021	13:20
7	M1226-06		1	2.53	100	7.25	2.25	0.037	0.039	0.002	0.001	01/27/2021	13:21
8	M1226-06DUP		1	2.52	100	7.14	2.14	0.036	0.038	0.002	0.001	01/27/2021	13:22
9	M1226-06MSPre	40	2	2.51	100	7.42	1.78	0.034	0.076	0.042	0.054	01/27/2021	13:23
10	M1226-06MS2Ins	1284	40	2.53	100	7.09	2.05	0.030	0.655	0.625	0.818	01/27/2021	13:24
11	M1226-06MS3Post	40	2	2.56	100	7.28	1.85	0.033	0.108	0.075	0.097	01/27/2021	13:25
12	M1235-01		1	2.55	100	7.37	1.67	0.038	0.039	0.001	0.000	01/27/2021	13:26
13	M1235-03		1	2.56	100	7.56	1.88	0.035	0.036	0.001	0.000	01/27/2021	13:26
14	M1236-02		1	2.55	100	7.66	1.75	0.062	0.064	0.002	0.001	01/27/2021	13:27
15	CCV2	0.5	1	100	100	7.14	2.14	0.000	0.381	0.381	0.498	01/27/2021	13:28
16	CCB2		1	100	100	7.37	2.34	0.000	0.000	0.000	-0.001	01/27/2021	13:28
17	M1236-04		1	2.54	100	7.18	2.08	0.050	0.052	0.002	0.001	01/27/2021	13:29
18	M1236-06		1	2.57	100	7.54	1.74	0.032	0.033	0.001	0.000	01/27/2021	13:30
19	M1236-08		1	2.55	100	7.46	1.88	0.024	0.025	0.001	0.000	01/27/2021	13:30
20	M1241-01		1	2.54	100	7.13	2.28	0.083	0.085	0.002	0.001	01/27/2021	13:31
21	M1242-01		1	2.56	100	7.34	2.16	0.027	0.029	0.002	0.001	01/27/2021	13:32
22	CCV3	0.5	1	100	100	7.27	1.96	0.000	0.382	0.382	0.499	01/27/2021	13:34
23	CCB3		1	100	100	7.55	1.76	0.000	0.000	0.000	-0.001	01/27/2021	13:35