

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112784

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89086
Calibration Std. hexchrome 0.05 ppm	WP89087
calibration std. hexchrome 0.01 ppm	WP89088
calibration std. hexchrome 0 ppm	WP89090
hexavalent chromium color reagent	WP88997
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89089
Hexavalent Chromium ICV-LCS Std	WP89091
Calibration and CCV std HexChrome 0.5PPM	WP89085
Calibration std HexChrome 1.0PPM	WP89084

Intercept: 0.0004

Slope: 0.7643

Regression: 0.999993

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	7.25	1.96	0.000	0.000	0.000	01/14/2021	11:50
2	CAL2	0.01	1	100	100	7.18	2.08	0.000	0.008	0.008	01/14/2021	11:50
3	CAL3	0.025	1	100	100	7.34	2.19	0.002	0.020	0.018	01/14/2021	11:51
4	CAL4	0.05	1	100	100	7.56	1.87	0.001	0.040	0.039	01/14/2021	11:51
5	CAL5	0.1	1	100	100	7.35	2.28	0.002	0.080	0.078	01/14/2021	11:52
6	CAL6	0.5	1	100	100	7.15	1.98	0.001	0.385	0.384	01/14/2021	11:52
7	CAL7	1	1	100	100	7.08	1.76	0.002	0.766	0.764	01/14/2021	11:53

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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	7.19	2.34	0.000	0.382	0.382	0.499	01/14/2021	11:54
2	ICB		1	100	100	7.64	2.15	0.000	0.000	0.000	-0.001	01/14/2021	11:54
3	CCV1	0.5	1	100	100	7.76	2.45	0.000	0.380	0.380	0.497	01/14/2021	11:55
4	CCB1		1	100	100	7.24	2.34	0.000	0.000	0.000	-0.001	01/14/2021	11:55
5	PB134047BL		1	2.50	100	7.38	1.88	0.000	0.000	0.000	-0.001	01/14/2021	11:56
6	PB134047BS	20	1	2.50	100	7.79	1.76	0.002	0.357	0.355	0.464	01/14/2021	11:57
7	M1068-01		1	2.54	100	7.54	1.94	0.065	0.067	0.002	0.002	01/14/2021	11:58
8	M1068-01DUP		1	2.52	100	7.64	2.14	0.064	0.066	0.002	0.002	01/14/2021	11:58
9	M1068-01MSPre	40	2	2.53	100	7.24	2.29	0.060	0.205	0.145	0.189	01/14/2021	11:59
10	M1068-01MS2Ins	1284	40	2.51	100	7.17	2.34	0.055	0.654	0.599	0.783	01/14/2021	12:00
11	M1068-01MS3Post	40	2	2.52	100	7.54	1.85	0.061	0.372	0.311	0.406	01/14/2021	12:01
12	M1068-03		1	2.55	100	7.46	1.76	0.050	0.052	0.002	0.002	01/14/2021	12:01
13	M1069-01		1	2.53	100	7.25	1.89	0.040	0.042	0.002	0.002	01/14/2021	12:02
14	M1069-03		1	2.54	100	7.64	2.15	0.035	0.037	0.002	0.002	01/14/2021	12:03
15	CCV2	0.5	1	100	100	7.49	2.08	0.000	0.381	0.381	0.498	01/14/2021	12:04
16	CCB2		1	100	100	7.34	2.46	0.000	0.000	0.000	-0.001	01/14/2021	12:04
17	M1090-02		1	2.55	100	7.85	2.27	0.013	0.014	0.001	0.001	01/14/2021	12:05
18	M1090-05		1	2.56	100	7.74	1.86	0.021	0.022	0.001	0.001	01/14/2021	12:05
19	M1121-02		1	2.54	100	7.68	1.73	0.048	0.050	0.002	0.002	01/14/2021	12:06
20	M1124-01		1	2.56	100	7.38	2.34	0.007	0.007	0.000	-0.001	01/14/2021	12:07
21	M1124-03		1	2.58	100	7.27	1.86	0.083	0.085	0.002	0.002	01/14/2021	12:07
22	M1124-05		1	2.57	100	7.46	2.14	0.026	0.028	0.002	0.002	01/14/2021	12:08
23	M1125-05		1	2.59	100	7.71	2.46	0.008	0.008	0.000	-0.001	01/14/2021	12:09
24	CCV3	0.5	1	100	100	7.39	1.92	0.000	0.382	0.382	0.499	01/14/2021	12:10
25	CCB3		1	100	100	7.58	1.84	0.000	0.000	0.000	-0.001	01/14/2021	12:10