

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115498

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92172
Calibration Std. hexchrome 0.05 ppm	WP92173
calibration std. hexchrome 0.01 ppm	WP92174
calibration std. hexchrome 0 ppm	WP92175
hexavalent chromium color reagent	WP92178
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92177
Hexavalent Chromium ICV-LCS Std	WP92176
Calibration and CCV std HexChrome 0.5PPM	WP92171
Calibration std HexChrome 1.0PPM	WP92170

Intercept: 0.0011

Slope: 0.7639

Regression: 0.999998

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.10	2.08	0.000	0.002	0.002	0.001		07/23/2021	12:10
2	CAL2	0.01	1	100	100	7.36	1.98	0.000	0.008	0.008	0.009	10	07/23/2021	12:11
3	CAL3	0.025	1	100	100	7.25	1.78	0.000	0.020	0.020	0.024	4	07/23/2021	12:12
4	CAL4	0.05	1	100	100	7.45	1.85	0.000	0.039	0.039	0.049	2	07/23/2021	12:13
5	CAL5	0.1	1	100	100	7.55	2.14	0.000	0.078	0.078	0.100	0	07/23/2021	12:14
6	CAL6	0.5	1	100	100	7.62	2.35	0.000	0.383	0.383	0.499	0.2	07/23/2021	12:15
7	CAL7	1	1	100	100	7.09	2.25	0.000	0.765	0.765	1	0	07/23/2021	12:16

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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.15	2.15	0.000	0.380	0.380	0.496	07/23/2021	12:20
2	ICB		1	100	100	7.34	2.09	0.000	0.001	0.001	0.000	07/23/2021	12:21
3	CCV1	0.5	1	100	100	7.20	2.34	0.000	0.378	0.378	0.493	07/23/2021	12:22
4	CCB1		1	100	100	7.19	2.15	0.000	0.002	0.002	0.001	07/23/2021	12:23
5	RL Check	0.01	1	100	100	7.08	2.25	0.000	0.010	0.010	0.012	07/23/2021	12:24
6	PB137889BL		1	2.50	100	7.28	2.30	0.000	0.002	0.002	0.001	07/23/2021	12:25
7	PB137889BS	20	1	2.50	100	7.30	2.28	0.003	0.356	0.353	0.461	07/23/2021	12:26
8	M3114-01		1	2.53	100	7.41	2.18	0.065	0.067	0.002	0.001	07/23/2021	12:27
9	M3114-01DU		1	2.52	100	7.56	2.30	0.064	0.066	0.002	0.001	07/23/2021	12:28
10	M3114-01MS	40	2	2.51	100	7.60	1.95	0.062	0.114	0.052	0.067	07/23/2021	12:29
11	M3114-01MS	1284	40	2.53	100	7.74	1.74	0.060	0.640	0.580	0.758	07/23/2021	12:30
12	M3114-01MS	40	2	2.50	100	7.25	1.85	0.062	0.169	0.107	0.139	07/23/2021	12:31
13	M3114-02		1	2.51	100	7.34	2.09	0.055	0.057	0.002	0.001	07/23/2021	12:32
14	M3114-03		1	2.50	100	7.41	2.14	0.047	0.048	0.001	0.000	07/23/2021	12:33
15	M3114-04		1	2.52	100	7.62	2.36	0.056	0.058	0.002	0.001	07/23/2021	12:34
16	CCV2	0.5	1	100	100	7.58	2.25	0.000	0.379	0.379	0.495	07/23/2021	12:35
17	CCB2		1	100	100	7.62	2.18	0.000	0.002	0.002	0.001	07/23/2021	12:36
18	M3114-05		1	2.53	100	7.40	2.29	0.037	0.038	0.001	0.000	07/23/2021	12:37
19	M3118-01		1	2.57	100	7.32	2.34	0.018	0.019	0.001	0.000	07/23/2021	12:38
20	M3118-02		1	2.55	100	7.20	1.98	0.017	0.017	0.000	-0.001	07/23/2021	12:39
21	M3118-03		1	2.52	100	7.34	1.74	0.037	0.038	0.001	0.000	07/23/2021	12:40
22	M3118-04		1	2.51	100	7.18	1.85	0.022	0.023	0.001	0.000	07/23/2021	12:41
23	M3128-01		1	2.58	100	7.25	2.07	0.070	0.072	0.002	0.001	07/23/2021	12:42
24	M3135-01		1	2.59	100	7.25	2.15	0.005	0.005	0.000	-0.001	07/23/2021	12:43
25	M3135-04		1	2.54	100	7.30	2.36	0.019	0.019	0.000	-0.001	07/23/2021	12:44
26	M3135-07		1	2.57	100	7.14	1.85	0.009	0.009	0.000	-0.001	07/23/2021	12:45
27	CCV3	0.5	1	100	100	7.35	1.96	0.000	0.380	0.380	0.496	07/23/2021	12:46
28	CCB3		1	100	100	7.72	2.34	0.000	0.001	0.001	0.000	07/23/2021	12:47