

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113192

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP89567
Calibration Std. hexchrome 0.05 ppm	WP89568
calibration std. hexchrome 0.01 ppm	WP89569
calibration std. hexchrome 0 ppm	WP89571
hexavalent chromium color reagent	WP89532
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024
Calibration Std Hexachrome 0.025 ppm	WP89570
Hexavalent Chromium ICV-LCS Std	WP89572
Calibration and CCV std HexChrome 0.5PPM	WP89566
Calibration std HexChrome 1.0PPM	WP89565

Intercept: 0.0018

Slope: 0.7648

Regression: 0.999993

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	7.15	2.05	0.000	0.001	0.001	-0.00		02/19/2021	13:15
2	CAL2	0.01	1	100	100	7.34	1.98	0.000	0.008	0.008	0.008	20	02/19/2021	13:16
3	CAL3	0.025	1	100	100	7.19	1.88	0.000	0.021	0.021	0.025	0	02/19/2021	13:17
4	CAL4	0.05	1	100	100	7.45	1.79	0.000	0.040	0.040	0.049	2	02/19/2021	13:18
5	CAL5	0.1	1	100	100	7.37	1.98	0.000	0.080	0.080	0.102	-2	02/19/2021	13:19
6	CAL6	0.5	1	100	100	7.18	2.34	0.000	0.385	0.385	0.501	-0.2	02/19/2021	13:20
7	CAL7	1	1	100	100	7.08	1.78	0.000	0.766	0.766	0.999	0.1	02/19/2021	13:21

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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	7.19	2.24	0.000	0.382	0.382	0.497	02/19/2021	13:22
2	ICB		1	100	100	7.45	2.16	0.000	0.000	0.000	-0.002	02/19/2021	13:23
3	CCV1	0.5	1	100	100	7.55	2.19	0.000	0.380	0.380	0.495	02/19/2021	13:24
4	CCB1		1	100	100	7.64	2.18	0.000	0.000	0.000	-0.002	02/19/2021	13:25
5	LR Check	0.01	1	100	100	7.26	2.37	0.000	0.009	0.009	0.009	02/19/2021	13:26
6	PB134738BL		1	2.50	100	7.14	1.88	0.000	0.000	0.000	-0.002	02/19/2021	13:27
7	PB134738BS	20	1	2.50	100	7.65	1.97	0.000	0.354	0.354	0.461	02/19/2021	13:28
8	M1434-02		1	2.53	100	7.75	1.79	0.015	0.017	0.002	0.000	02/19/2021	13:29
9	M1434-02DU		1	2.52	100	7.56	1.88	0.014	0.016	0.002	0.000	02/19/2021	13:30
10	M1434-02MS	40	2	2.51	100	7.46	1.96	0.012	0.297	0.285	0.370	02/19/2021	13:31
11	M1434-02MS	1284	40	2.53	100	7.37	2.07	0.010	0.651	0.641	0.836	02/19/2021	13:32
12	M1434-02MS	40	2	2.50	100	7.28	2.19	0.013	0.352	0.339	0.441	02/19/2021	13:33
13	M1439-01		1	2.56	100	7.17	2.34	0.037	0.039	0.002	0.000	02/19/2021	13:34
14	M1440-01		1	2.55	100	7.45	2.34	0.051	0.053	0.002	0.000	02/19/2021	13:35
15	M1440-02		1	2.56	100	7.64	2.17	0.040	0.042	0.002	0.000	02/19/2021	13:36
16	CCV2	0.5	1	100	100	7.45	2.18	0.000	0.382	0.382	0.497	02/19/2021	13:37
17	CCB2		1	100	100	7.55	2.32	0.000	0.000	0.000	-0.002	02/19/2021	13:38
18	M1441-01		1	2.55	100	7.64	2.14	0.022	0.023	0.001	-0.001	02/19/2021	13:39
19	M1441-02		1	2.57	100	7.84	2.09	0.034	0.036	0.002	0.000	02/19/2021	13:40
20	CCV3	0.5	1	100	100	7.54	1.79	0.000	0.383	0.383	0.498	02/19/2021	13:41
21	CCB3		1	100	100	7.34	1.89	0.000	0.000	0.000	-0.002	02/19/2021	13:42