

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114809

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91407
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0013

Slope: 0.7645

Regression: 0.999995

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	7.28	2.05	0.000	0.002	0.002	0.000		06/06/2021	12:45
2	CAL2	0.01	1	100	100	7.10	1.96	0.000	0.008	0.008	0.008	20	06/06/2021	12:46
3	CAL3	0.025	1	100	100	7.35	1.74	0.000	0.020	0.020	0.024	4	06/06/2021	12:47
4	CAL4	0.05	1	100	100	7.45	1.85	0.000	0.039	0.039	0.049	2	06/06/2021	12:48
5	CAL5	0.1	1	100	100	7.66	2.34	0.000	0.078	0.078	0.100	0	06/06/2021	12:49
6	CAL6	0.5	1	100	100	7.74	2.14	0.000	0.385	0.385	0.501	-0.2	06/06/2021	12:50
7	CAL7	1	1	100	100	7.27	2.25	0.000	0.765	0.765	0.998	0.2	06/06/2021	12:51

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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	7.38	2.15	0.000	0.385	0.385	0.502	06/06/2021	12:54
2	ICB		1	100	100	7.28	2.31	0.000	0.002	0.002	0.001	06/06/2021	12:55
3	CCV1	0.5	1	100	100	7.15	2.29	0.000	0.383	0.383	0.499	06/06/2021	12:56
4	CCB1		1	100	100	7.30	1.98	0.000	0.001	0.001	0.000	06/06/2021	12:57
5	RL Check	0.01	1	100	100	7.52	1.78	0.000	0.009	0.009	0.010	06/06/2021	12:58
6	PB136874BL		1	2.50	100	7.41	1.88	0.000	0.002	0.002	0.001	06/06/2021	12:59
7	PB136874BS	20	1	2.50	100	7.62	2.14	0.002	0.354	0.352	0.459	06/06/2021	13:00
8	M2613-01		1	2.53	100	7.82	2.35	0.032	0.034	0.002	0.001	06/06/2021	13:02
9	M2613-01DU		1	2.54	100	7.28	2.28	0.031	0.032	0.001	0.000	06/06/2021	13:03
10	M2613-01MS	40	2	2.53	100	7.14	2.41	0.026	0.087	0.061	0.078	06/06/2021	13:04
11	M2613-01MS	1284	40	2.52	100	7.35	2.08	0.020	0.651	0.631	0.824	06/06/2021	13:05
12	M2613-01MS	40	2	2.54	100	7.46	1.98	0.027	0.117	0.090	0.116	06/06/2021	13:06
13	M2613-02		1	2.56	100	7.62	1.75	0.026	0.027	0.001	0.000	06/06/2021	13:07
14	M2613-03		1	2.57	100	7.51	1.81	0.035	0.037	0.002	0.001	06/06/2021	13:08
15	M2613-04		1	2.56	100	7.34	2.01	0.030	0.031	0.001	0.000	06/06/2021	13:09
16	CCV2	0.5	1	100	100	7.27	1.88	0.000	0.380	0.380	0.495	06/06/2021	13:10
17	CCB2		1	100	100	7.19	1.74	0.000	0.002	0.002	0.001	06/06/2021	13:11
18	M2613-05		1	2.54	100	7.28	1.92	0.028	0.029	0.001	0.000	06/06/2021	13:12
19	M2613-06		1	2.57	100	7.30	2.35	0.055	0.057	0.002	0.001	06/06/2021	13:13
20	M2613-07		1	2.56	100	7.20	2.14	0.039	0.039	0.000	-0.002	06/06/2021	13:14
21	M2613-08		1	2.55	100	7.41	2.34	0.026	0.027	0.001	0.000	06/06/2021	13:15
22	M2613-09		1	2.54	100	7.65	2.24	0.030	0.032	0.002	0.001	06/06/2021	13:16
23	M2613-10		1	2.58	100	7.52	2.34	0.010	0.010	0.000	-0.002	06/06/2021	13:17
24	M2613-11		1	2.59	100	7.40	2.14	0.024	0.025	0.001	0.000	06/06/2021	13:18
25	M2613-12		1	2.54	100	7.34	2.05	0.030	0.030	0.000	-0.002	06/06/2021	13:19
26	M2613-13		1	2.57	100	7.10	1.74	0.030	0.031	0.001	0.000	06/06/2021	13:20
27	CCV3	0.5	1	100	100	7.28	1.96	0.000	0.382	0.382	0.498	06/06/2021	13:21
28	CCB3		1	100	100	7.37	1.85	0.000	0.002	0.002	0.001	06/06/2021	13:21