

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114799

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: 0.0016

Slope: 0.7649

Regression: 0.999996

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	7.25	2.09	0.000	0.002	0.002	0.000		06/05/2021	13:10
2	CAL2	0.01	1	100	100	7.10	2.17	0.000	0.008	0.008	0.008	20	06/05/2021	13:10
3	CAL3	0.025	1	100	100	7.35	2.29	0.000	0.021	0.021	0.025	0	06/05/2021	13:11
4	CAL4	0.05	1	100	100	7.42	2.34	0.000	0.039	0.039	0.048	4	06/05/2021	13:12
5	CAL5	0.1	1	100	100	7.62	2.36	0.000	0.079	0.079	0.101	-1	06/05/2021	13:13
6	CAL6	0.5	1	100	100	7.52	2.17	0.000	0.385	0.385	0.501	-0.2	06/05/2021	13:14
7	CAL7	1	1	100	100	7.71	2.09	0.000	0.766	0.766	0.999	0.1	06/05/2021	13:15

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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	7.40	2.09	0.000	0.383	0.383	0.499	06/05/2021	13:17
2	ICB		1	100	100	7.62	1.95	0.000	0.002	0.002	0.001	06/05/2021	13:18
3	CCV1	0.5	1	100	100	7.51	1.74	0.000	0.384	0.384	0.500	06/05/2021	13:19
4	CCB1		1	100	100	7.37	1.82	0.000	0.001	0.001	-0.001	06/05/2021	13:19
5	RL Check	0.01	1	100	100	7.28	2.19	0.000	0.009	0.009	0.010	06/05/2021	13:20
6	PB136860BL		1	2.50	100	7.18	2.37	0.000	0.002	0.002	0.001	06/05/2021	13:21
7	PB136860BS	20	1	2.50	100	7.09	2.28	0.002	0.355	0.353	0.459	06/05/2021	13:22
8	M2612-01		1	2.53	100	7.41	1.88	0.021	0.023	0.002	0.001	06/05/2021	13:23
9	M2612-01DU		1	2.52	100	7.36	1.74	0.020	0.022	0.002	0.001	06/05/2021	13:24
10	M2612-01MS	40	2	2.51	100	7.28	1.86	0.015	0.175	0.160	0.207	06/05/2021	13:25
11	M2612-01MS	1284	40	2.53	100	7.48	2.08	0.011	0.652	0.641	0.836	06/05/2021	13:26
12	M2612-01MS	40	2	2.54	100	7.67	2.34	0.016	0.215	0.199	0.258	06/05/2021	13:27
13	M2612-02		1	2.56	100	7.75	2.41	0.030	0.031	0.001	-0.001	06/05/2021	13:28
14	M2612-03		1	2.53	100	7.58	2.29	0.052	0.054	0.002	0.001	06/05/2021	13:29
15	M2612-04		1	2.52	100	7.42	2.10	0.047	0.049	0.002	0.001	06/05/2021	13:30
16	CCV2	0.5	1	100	100	7.35	2.36	0.000	0.381	0.381	0.496	06/05/2021	13:31
17	CCB2		1	100	100	7.09	1.72	0.000	0.002	0.002	0.001	06/05/2021	13:32
18	M2612-05		1	2.53	100	7.28	1.86	0.055	0.057	0.002	0.001	06/05/2021	13:33
19	M2612-06		1	2.57	100	7.17	1.92	0.018	0.018	0.000	-0.002	06/05/2021	13:34
20	M2612-07		1	2.55	100	7.37	1.75	0.029	0.030	0.001	-0.001	06/05/2021	13:35
21	M2612-08		1	2.54	100	7.50	1.95	0.037	0.037	0.000	-0.002	06/05/2021	13:36
22	M2612-09		1	2.56	100	7.69	2.07	0.019	0.019	0.000	-0.002	06/05/2021	13:37
23	M2612-10		1	2.57	100	7.82	1.82	0.051	0.053	0.002	0.001	06/05/2021	13:38
24	M2612-11		1	2.59	100	7.50	2.07	0.025	0.026	0.001	-0.001	06/05/2021	13:39
25	M2612-12		1	2.54	100	7.62	2.14	0.040	0.041	0.001	-0.001	06/05/2021	13:41
26	M2612-13		1	2.57	100	7.40	2.30	0.034	0.035	0.001	-0.001	06/05/2021	13:42
27	M2612-14		1	2.56	100	7.36	2.46	0.062	0.064	0.002	0.001	06/05/2021	13:43
28	CCV3	0.5	1	100	100	7.25	2.05	0.000	0.384	0.384	0.500	06/05/2021	13:44
29	CCB3		1	100	100	7.49	1.82	0.000	0.001	0.001	-0.001	06/05/2021	13:45
30	M2612-15		1	2.54	100	7.65	1.76	0.028	0.029	0.001	-0.001	06/05/2021	13:46
31	M2612-16		1	2.53	100	7.29	1.94	0.048	0.050	0.002	0.001	06/05/2021	13:47
32	M2612-17		1	2.57	100	7.09	2.14	0.027	0.028	0.001	-0.001	06/05/2021	13:48
33	M2612-18		1	2.56	100	7.48	2.26	0.018	0.018	0.000	-0.002	06/05/2021	13:50
34	M2612-19		1	2.58	100	7.59	2.10	0.036	0.038	0.002	0.001	06/05/2021	13:51
35	M2612-20		1	2.56	100	7.34	2.37	0.019	0.020	0.001	-0.001	06/05/2021	13:52
36	CCV4	0.5	1	100	100	7.19	1.85	0.000	0.385	0.385	0.501	06/05/2021	13:53
37	CCB4		1	100	100	7.28	1.99	0.000	0.001	0.001	-0.001	06/05/2021	13:54