

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117823

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94409
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0016

Slope: 0.769

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	7.08	2.08	0.000	0.002	0.002	0.000		12/16/2021	09:15
2	CAL2	0.01	1	100	100	7.28	1.98	0.000	0.009	0.009	0.009	10	12/16/2021	09:16
3	CAL3	0.025	1	100	100	7.34	1.74	0.000	0.020	0.020	0.023	8	12/16/2021	09:17
4	CAL4	0.05	1	100	100	7.22	2.30	0.000	0.040	0.040	0.049	2	12/16/2021	09:20
5	CAL5	0.1	1	100	100	7.17	2.14	0.000	0.080	0.080	0.101	-1	12/16/2021	09:21
6	CAL6	0.5	1	100	100	7.61	2.25	0.000	0.385	0.385	0.498	0.4	12/16/2021	09:22
7	CAL7	1	1	100	100	7.50	1.88	0.000	0.771	0.771	1.000	0	12/16/2021	09:23

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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	7.41	1.88	0.000	0.382	0.382	0.495	12/16/2021	09:25
2	ICB		1	100	100	7.74	1.74	0.000	0.001	0.001	-0.001	12/16/2021	09:27
3	CCV1	0.5	1	100	100	7.52	1.95	0.000	0.379	0.379	0.491	12/16/2021	09:30
4	CCB1		1	100	100	7.62	2.15	0.000	0.002	0.002	0.001	12/16/2021	09:31
5	RL Check	0.01	1	100	100	7.18	2.34	0.000	0.010	0.010	0.011	12/16/2021	09:35
6	PB141452BL		1	2.50	100	7.25	2.28	0.000	0.002	0.002	0.001	12/16/2021	09:36
7	PB141452BS	20	1	2.50	100	7.34	1.90	0.002	0.353	0.351	0.454	12/16/2021	09:38
8	M5068-01		1	2.53	100	7.18	1.75	0.068	0.070	0.002	0.001	12/16/2021	09:40
9	M5068-01DU		1	2.52	100	7.34	1.85	0.067	0.069	0.002	0.001	12/16/2021	09:41
10	M5068-01MS	40	2	2.51	100	7.18	2.09	0.065	0.160	0.095	0.121	12/16/2021	09:45
11	M5068-01MS	1284	40	2.53	100	7.25	1.74	0.060	0.629	0.569	0.738	12/16/2021	09:47
12	M5068-01MS	40	2	2.54	100	7.30	1.95	0.064	0.220	0.156	0.201	12/16/2021	09:50
13	M5073-01		1	2.56	100	7.58	2.05	0.027	0.028	0.001	-0.001	12/16/2021	09:51
14	M5073-04		1	2.57	100	7.64	2.16	0.029	0.030	0.001	-0.001	12/16/2021	09:52
15	M5083-02		1	2.59	100	7.41	2.34	0.020	0.021	0.001	-0.001	12/16/2021	09:55
16	CCV2	0.5	1	100	100	7.36	2.25	0.000	0.380	0.380	0.492	12/16/2021	09:56
17	CCB2		1	100	100	7.17	2.10	0.000	0.002	0.002	0.001	12/16/2021	09:58
18	M5083-05		1	2.58	100	7.28	2.36	0.016	0.016	0.000	-0.002	12/16/2021	10:00
19	M5083-08		1	2.56	100	7.34	2.28	0.024	0.025	0.001	-0.001	12/16/2021	10:02
20	M5083-11		1	2.54	100	7.28	1.88	0.028	0.029	0.001	-0.001	12/16/2021	10:03
21	M5083-14		1	2.55	100	7.30	1.70	0.031	0.033	0.002	0.001	12/16/2021	10:05
22	M5083-17		1	2.57	100	7.28	1.95	0.023	0.024	0.001	-0.001	12/16/2021	10:06
23	M5086-01		1	2.59	100	7.18	2.08	0.040	0.041	0.001	-0.001	12/16/2021	10:08
24	M5089-02		1	2.58	100	7.34	1.88	0.019	0.020	0.001	-0.001	12/16/2021	10:09
25	M5089-06		1	2.55	100	7.20	1.74	0.023	0.024	0.001	-0.001	12/16/2021	10:10
26	M5089-10		1	2.58	100	7.18	1.95	0.020	0.021	0.001	-0.001	12/16/2021	10:12
27	M5089-14		1	2.56	100	7.37	2.30	0.019	0.020	0.001	-0.001	12/16/2021	10:15
28	CCV3	0.5	1	100	100	7.48	2.14	0.000	0.377	0.377	0.488	12/16/2021	10:16
29	CCB3		1	100	100	7.62	2.20	0.000	0.001	0.001	-0.001	12/16/2021	10:18
30	M5097-01		1	2.55	100	7.74	1.88	0.037	0.039	0.002	0.001	12/16/2021	10:19
31	CCV4	0.5	1	100	100	7.28	1.74	0.000	0.378	0.378	0.489	12/16/2021	10:20
32	CCB4		1	100	100	7.34	1.96	0.000	0.002	0.002	0.001	12/16/2021	10:20