

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117638

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94110
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0015

Slope: 0.7683

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	7.20	2.08	0.000	0.002	0.002	0.000		12/03/2021	15:05
2	CAL2	0.01	1	100	100	7.10	1.88	0.000	0.008	0.008	0.008	20	12/03/2021	15:06
3	CAL3	0.025	1	100	100	7.35	1.75	0.000	0.020	0.020	0.024	4	12/03/2021	15:07
4	CAL4	0.05	1	100	100	7.48	1.95	0.000	0.040	0.040	0.050	0	12/03/2021	15:08
5	CAL5	0.1	1	100	100	7.50	2.30	0.000	0.080	0.080	0.102	-2	12/03/2021	15:10
6	CAL6	0.5	1	100	100	7.66	2.15	0.000	0.385	0.385	0.499	0.2	12/03/2021	15:12
7	CAL7	1	1	100	100	7.74	2.18	0.000	0.770	0.770	1.000	0	12/03/2021	15:15

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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	7.28	2.10	0.000	0.384	0.384	0.498	12/03/2021	15:20
2	ICB		1	100	100	7.34	2.35	0.000	0.001	0.001	-0.001	12/03/2021	15:22
3	CCV1	0.5	1	100	100	7.28	2.20	0.000	0.379	0.379	0.491	12/03/2021	15:25
4	CCB1		1	100	100	7.30	1.88	0.000	0.002	0.002	0.001	12/03/2021	15:26
5	RL Check	0.01	1	100	100	7.27	1.74	0.000	0.010	0.010	0.011	12/03/2021	15:27
6	PB141124BL		1	2.50	100	7.36	1.95	0.000	0.002	0.002	0.001	12/03/2021	15:28
7	PB141124BS	20	1	2.50	100	7.18	2.08	0.000	0.351	0.351	0.455	12/03/2021	15:30
8	M4877-01		1	2.53	100	7.28	2.14	0.085	0.086	0.001	-0.001	12/03/2021	15:31
9	M4877-01DU		1	2.52	100	7.34	2.34	0.084	0.086	0.002	0.001	12/03/2021	15:32
10	M4877-01MS	40	2	2.51	100	7.48	2.25	0.082	0.130	0.048	0.061	12/03/2021	15:33
11	M4877-01MS	1284	40	2.53	100	7.58	2.34	0.080	0.628	0.548	0.711	12/03/2021	15:35
12	M4877-01MS	40	2	2.54	100	7.28	2.41	0.083	0.328	0.245	0.317	12/03/2021	15:38
13	M4877-03		1	2.56	100	7.34	2.14	0.060	0.061	0.001	-0.001	12/03/2021	15:40
14	M4893-01		1	2.55	100	7.48	2.30	0.037	0.038	0.001	-0.001	12/03/2021	15:41
15	M4927-01		1	2.57	100	7.18	1.85	0.024	0.025	0.001	-0.001	12/03/2021	15:42
16	CCV2	0.5	1	100	100	7.34	1.95	0.000	0.379	0.379	0.491	12/03/2021	15:43
17	CCB2		1	100	100	7.28	1.74	0.000	0.002	0.002	0.001	12/03/2021	15:44
18	M4927-02		1	2.59	100	7.18	2.09	0.031	0.033	0.002	0.001	12/03/2021	15:45
19	M4927-03		1	2.56	100	7.29	2.15	0.027	0.028	0.001	-0.001	12/03/2021	15:46
20	M4927-04		1	2.55	100	7.34	2.34	0.025	0.026	0.001	-0.001	12/03/2021	15:47
21	M4927-05		1	2.58	100	7.18	2.20	0.038	0.040	0.002	0.001	12/03/2021	15:48
22	M4927-06		1	2.57	100	7.28	1.88	0.017	0.018	0.001	-0.001	12/03/2021	15:49
23	M4927-07		1	2.59	100	7.30	1.95	0.029	0.030	0.001	-0.001	12/03/2021	15:50
24	M4927-08		1	2.54	100	7.41	1.71	0.041	0.043	0.002	0.001	12/03/2021	15:51
25	M4927-09		1	2.56	100	7.36	2.30	0.033	0.034	0.001	-0.001	12/03/2021	15:52
26	M4927-10		1	2.52	100	7.28	2.15	0.027	0.028	0.001	-0.001	12/03/2021	15:53
27	M4927-11		1	2.57	100	7.41	2.09	0.035	0.037	0.002	0.001	12/03/2021	15:54
28	CCV3	0.5	1	100	100	7.28	2.40	0.000	0.377	0.377	0.489	12/03/2021	15:55
29	CCB3		1	100	100	7.48	2.25	0.000	0.001	0.001	-0.001	12/03/2021	15:56
30	M4927-12		1	2.56	100	7.37	2.30	0.019	0.020	0.001	-0.001	12/03/2021	15:57
31	M4927-13		1	2.54	100	7.28	2.14	0.031	0.033	0.002	0.001	12/03/2021	15:58
32	M4927-14		1	2.58	100	7.19	1.98	0.039	0.040	0.001	-0.001	12/03/2021	16:00
33	CCV4	0.5	1	100	100	7.28	1.85	0.000	0.377	0.377	0.489	12/03/2021	16:02
34	CCB4		1	100	100	7.34	1.74	0.000	0.001	0.001	-0.001	12/03/2021	16:04