

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116889

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93463
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0011

Slope: 0.7647

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	7.26	2.10	0.000	0.001	0.001	-0.00		10/18/2021	14:50
2	CAL2	0.01	1	100	100	7.17	1.98	0.000	0.008	0.008	0.009	10	10/18/2021	14:51
3	CAL3	0.025	1	100	100	7.30	1.75	0.000	0.020	0.020	0.024	4	10/18/2021	14:52
4	CAL4	0.05	1	100	100	7.42	1.85	0.000	0.039	0.039	0.049	2	10/18/2021	14:53
5	CAL5	0.1	1	100	100	7.60	2.08	0.000	0.078	0.078	0.100	0	10/18/2021	14:54
6	CAL6	0.5	1	100	100	7.52	2.31	0.000	0.385	0.385	0.502	-0.4	10/18/2021	14:55
7	CAL7	1	1	100	100	7.18	2.40	0.000	0.765	0.765	0.998	0.2	10/18/2021	14:56

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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	7.36	2.36	0.000	0.380	0.380	0.495	10/18/2021	14:57
2	ICB		1	100	100	7.20	2.19	0.000	0.002	0.002	0.001	10/18/2021	15:00
3	CCV1	0.5	1	100	100	7.41	2.25	0.000	0.379	0.379	0.494	10/18/2021	15:01
4	CCB1		1	100	100	7.62	2.08	0.000	0.002	0.002	0.001	10/18/2021	15:02
5	RL Check	0.01	1	100	100	7.70	1.96	0.000	0.010	0.010	0.012	10/18/2021	15:03
6	PB139987BL		1	2.50	100	7.45	1.74	0.000	0.002	0.002	0.001	10/18/2021	15:04
7	PB139987BS	20	1	2.50	100	7.62	1.80	0.002	0.353	0.351	0.458	10/18/2021	15:05
8	M4064-04		1	2.53	100	7.34	2.16	0.015	0.016	0.001	0.000	10/18/2021	15:07
9	M4064-04DU		1	2.52	100	7.41	2.30	0.014	0.016	0.002	0.001	10/18/2021	15:08
10	M4064-04MS	40	2	2.51	100	7.52	2.28	0.012	0.120	0.108	0.140	10/18/2021	15:10
11	M4064-04MS	1284	40	2.53	100	7.62	2.41	0.010	0.630	0.620	0.809	10/18/2021	15:11
12	M4064-04MS	40	2	2.54	100	7.34	1.92	0.011	0.189	0.178	0.231	10/18/2021	15:12
13	M4249-01		1	2.56	100	7.41	1.70	0.012	0.013	0.001	0.000	10/18/2021	15:13
14	M4249-04		1	2.55	100	7.62	1.85	0.027	0.029	0.002	0.001	10/18/2021	15:15
15	M4249-07		1	2.52	100	7.50	2.34	0.006	0.006	0.000	-0.001	10/18/2021	15:16
16	CCV2	0.5	1	100	100	7.34	2.29	0.000	0.378	0.378	0.493	10/18/2021	15:17
17	CCB2		1	100	100	7.28	2.10	0.000	0.002	0.002	0.001	10/18/2021	15:18
18	M4249-10		1	2.53	100	7.17	2.09	0.010	0.010	0.000	-0.001	10/18/2021	15:19
19	M4252-01		1	2.57	100	7.28	1.92	0.017	0.018	0.001	0.000	10/18/2021	15:20
20	M4252-04		1	2.55	100	7.34	1.82	0.023	0.024	0.001	0.000	10/18/2021	15:21
21	M4252-07		1	2.54	100	7.40	1.74	0.021	0.022	0.001	0.000	10/18/2021	15:22
22	M4252-10		1	2.56	100	7.52	1.88	0.018	0.019	0.001	0.000	10/18/2021	15:23
23	M4256-01		1	2.58	100	7.37	2.05	0.019	0.020	0.001	0.000	10/18/2021	15:25
24	M4259-01		1	2.59	100	7.45	2.14	0.018	0.019	0.001	0.000	10/18/2021	15:26
25	M4259-04		1	2.55	100	7.62	2.30	0.022	0.023	0.001	0.000	10/18/2021	15:27
26	M4259-07		1	2.57	100	7.50	2.25	0.031	0.034	0.003	0.002	10/18/2021	15:28
27	M4259-10		1	2.56	100	7.42	2.16	0.017	0.018	0.001	0.000	10/18/2021	15:29
28	CCV3	0.5	1	100	100	7.15	2.30	0.000	0.378	0.378	0.493	10/18/2021	15:30
29	CCB3		1	100	100	7.34	2.15	0.000	0.001	0.001	0.000	10/18/2021	15:31
30	M4260-01		1	2.52	100	7.20	2.30	0.023	0.024	0.001	0.000	10/18/2021	15:32
31	M4260-04		1	2.53	100	7.28	2.24	0.020	0.022	0.002	0.001	10/18/2021	15:35
32	CCV4	0.5	1	100	100	7.30	2.16	0.000	0.379	0.379	0.494	10/18/2021	15:36
33	CCB4		1	100	100	7.18	2.07	0.000	0.001	0.001	0.000	10/18/2021	15:38