



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116943

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: 0.0007

Slope: 0.7692

Regression: 0.999999

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	2.08	0.000	0.001	0.001	0.000		10/21/2021	13:15
2	CAL2	0.01	1	100	100	7.15	1.98	0.000	0.008	0.008	0.009	10	10/21/2021	13:16
3	CAL3	0.025	1	100	100	7.35	1.74	0.000	0.020	0.020	0.025	0	10/21/2021	13:17
4	CAL4	0.05	1	100	100	7.42	2.34	0.000	0.039	0.039	0.049	2	10/21/2021	13:18
5	CAL5	0.1	1	100	100	7.56	2.41	0.000	0.078	0.078	0.100	0	10/21/2021	13:20
6	CAL6	0.5	1	100	100	7.66	2.28	0.000	0.385	0.385	0.499	0.2	10/21/2021	13:21
7	CAL7	1	1	100	100	7.74	2.30	0.000	0.770	0.770	1.000	0	10/21/2021	13:22

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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	7.62	2.08	0.000	0.378	0.378	0.491	10/21/2021	13:25
2	ICB		1	100	100	7.41	2.10	0.000	0.002	0.002	0.002	10/21/2021	13:26
3	CCV1	0.5	1	100	100	7.37	2.35	0.000	0.379	0.379	0.492	10/21/2021	13:27
4	CCB1		1	100	100	7.08	1.98	0.000	0.002	0.002	0.002	10/21/2021	13:28
5	RL Check	0.01	1	100	100	7.41	1.78	0.000	0.010	0.010	0.012	10/21/2021	13:30
6	PB140098BL		1	2.50	100	7.52	1.85	0.000	0.001	0.001	0.000	10/21/2021	13:31
7	PB140098BS	20	1	2.50	100	7.32	2.08	0.002	0.351	0.349	0.453	10/21/2021	13:32
8	M4290-01		1	2.53	100	7.18	2.34	0.017	0.018	0.001	0.000	10/21/2021	13:35
9	M4290-01DU		1	2.52	100	7.28	2.15	0.016	0.017	0.001	0.000	10/21/2021	13:36
10	M4290-01MS	40	2	2.51	100	7.62	2.25	0.013	0.320	0.307	0.398	10/21/2021	13:37
11	M4290-01MS	1284	40	2.53	100	7.41	2.08	0.010	0.630	0.620	0.805	10/21/2021	13:38
12	M4290-01MS	40	2	2.54	100	7.34	1.88	0.014	0.351	0.337	0.437	10/21/2021	13:39
13	M4290-04		1	2.56	100	7.28	1.95	0.025	0.027	0.002	0.002	10/21/2021	13:40
14	M4290-07		1	2.55	100	7.16	1.74	0.018	0.019	0.001	0.000	10/21/2021	13:41
15	M4290-10		1	2.56	100	7.09	1.85	0.035	0.037	0.002	0.002	10/21/2021	13:42
16	CCV2	0.5	1	100	100	7.34	1.74	0.000	0.379	0.379	0.492	10/21/2021	13:43
17	CCB2		1	100	100	7.28	2.30	0.000	0.002	0.002	0.002	10/21/2021	13:44
18	M4290-13		1	2.54	100	7.34	2.15	0.012	0.013	0.001	0.000	10/21/2021	13:45
19	M4294-01		1	2.57	100	7.18	2.20	0.038	0.040	0.002	0.002	10/21/2021	13:46
20	M4294-04		1	2.55	100	7.20	1.96	0.018	0.019	0.001	0.000	10/21/2021	13:47
21	M4294-07		1	2.54	100	7.34	1.74	0.032	0.034	0.002	0.002	10/21/2021	13:48
22	M4294-10		1	2.56	100	7.41	1.82	0.015	0.018	0.003	0.003	10/21/2021	13:49
23	M4294-13		1	2.58	100	7.34	2.09	0.012	0.013	0.001	0.000	10/21/2021	13:50
24	M4297-01		1	2.59	100	7.28	2.14	0.017	0.018	0.001	0.000	10/21/2021	13:51
25	M4300-01		1	2.54	100	7.15	1.95	0.020	0.021	0.001	0.000	10/21/2021	13:52
26	M4300-04		1	2.52	100	7.34	1.74	0.022	0.023	0.001	0.000	10/21/2021	13:53
27	M4300-07		1	2.56	100	7.31	1.65	0.017	0.018	0.001	0.000	10/21/2021	13:54
28	CCV3	0.5	1	100	100	7.20	1.74	0.000	0.378	0.378	0.491	10/21/2021	13:55
29	CCB3		1	100	100	7.34	1.90	0.000	0.001	0.001	0.000	10/21/2021	13:56
30	M4300-10		1	2.54	100	7.18	1.85	0.014	0.015	0.001	0.000	10/21/2021	13:57
31	CCV4	0.5	1	100	100	7.30	2.07	0.000	0.380	0.380	0.493	10/21/2021	13:58
32	CCB4		1	100	100	7.18	2.14	0.000	0.002	0.002	0.002	10/21/2021	13:59