



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117025

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93595
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0009

Slope: 0.7689

Regression: 0.999998

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	7.15	2.08	0.000	0.002	0.002	0.001		10/26/2021	17:15
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.008	0.008	0.009	10	10/26/2021	17:16
3	CAL3	0.025	1	100	100	7.28	2.34	0.000	0.020	0.020	0.024	4	10/26/2021	17:17
4	CAL4	0.05	1	100	100	7.10	1.98	0.000	0.039	0.039	0.049	2	10/26/2021	17:18
5	CAL5	0.1	1	100	100	7.42	1.74	0.000	0.078	0.078	0.100	0	10/26/2021	17:19
6	CAL6	0.5	1	100	100	7.62	1.85	0.000	0.385	0.385	0.499	0.2	10/26/2021	17:20
7	CAL7	1	1	100	100	7.50	2.08	0.000	0.770	0.770	1.000	0	10/26/2021	17:21

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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	7.74	2.08	0.000	0.380	0.380	0.493	10/26/2021	17:25
2	ICB		1	100	100	7.65	1.78	0.000	0.002	0.002	0.001	10/26/2021	17:26
3	CCV1	0.5	1	100	100	7.42	1.98	0.000	0.379	0.379	0.492	10/26/2021	17:27
4	CCB1		1	100	100	7.62	2.10	0.000	0.001	0.001	0.000	10/26/2021	17:28
5	RL Check	0.01	1	100	100	7.41	2.35	0.000	0.010	0.010	0.012	10/26/2021	17:29
6	PB140223BL		1	2.50	100	7.52	1.88	0.000	0.001	0.001	0.000	10/26/2021	17:30
7	PB140223BS	20	1	2.50	100	7.41	1.72	0.002	0.351	0.349	0.453	10/26/2021	17:31
8	M4340-01		1	2.53	100	7.36	1.90	0.018	0.019	0.001	0.000	10/26/2021	17:32
9	M4340-01DU		1	2.52	100	7.20	1.82	0.017	0.019	0.002	0.001	10/26/2021	17:33
10	M4340-01MS	40	2	2.51	100	7.17	2.09	0.015	0.170	0.155	0.200	10/26/2021	17:35
11	M4340-01MS	1284	40	2.53	100	7.34	2.30	0.010	0.631	0.621	0.806	10/26/2021	17:36
12	M4340-01MS	40	2	2.54	100	7.25	2.15	0.014	0.225	0.211	0.273	10/26/2021	17:37
13	M4340-04		1	2.56	100	7.65	2.28	0.019	0.020	0.001	0.000	10/26/2021	17:38
14	M4340-07		1	2.55	100	7.41	2.36	0.010	0.010	0.000	-0.001	10/26/2021	17:39
15	M4340-10		1	2.56	100	7.58	2.14	0.006	0.006	0.000	-0.001	10/26/2021	17:40
16	CCV2	0.5	1	100	100	7.74	2.25	0.000	0.378	0.378	0.490	10/26/2021	17:41
17	CCB2		1	100	100	7.85	1.98	0.000	0.001	0.001	0.000	10/26/2021	17:42
18	M4356-01		1	2.54	100	7.62	1.74	0.042	0.044	0.002	0.001	10/26/2021	17:43
19	M4356-03		1	2.57	100	7.52	1.85	0.058	0.060	0.002	0.001	10/26/2021	17:44
20	M4358-01		1	2.54	100	7.34	1.78	0.023	0.024	0.001	0.000	10/26/2021	17:45
21	M4358-04		1	2.55	100	7.17	1.95	0.055	0.056	0.001	0.000	10/26/2021	17:46
22	M4358-07		1	2.56	100	7.28	1.82	0.060	0.062	0.002	0.001	10/26/2021	17:47
23	M4358-10		1	2.57	100	7.30	2.07	0.073	0.074	0.001	0.000	10/26/2021	17:48
24	M4367-01		1	2.59	100	7.18	2.30	0.020	0.021	0.001	0.000	10/26/2021	17:50
25	CCV3	0.5	1	100	100	7.28	2.15	0.000	0.378	0.378	0.490	10/26/2021	17:51
26	CCB3		1	100	100	7.34	2.25	0.000	0.002	0.002	0.001	10/26/2021	17:52