



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115770

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92459
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7644

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	7.10	2.09	0.000	0.001	0.001	0		08/10/2021	13:05
2	CAL2	0.01	1	100	100	7.34	1.98	0.000	0.008	0.008	0.009	10	08/10/2021	13:06
3	CAL3	0.025	1	100	100	7.25	1.75	0.000	0.020	0.020	0.024	4	08/10/2021	13:07
4	CAL4	0.05	1	100	100	7.62	1.85	0.000	0.039	0.039	0.049	2	08/10/2021	13:08
5	CAL5	0.1	1	100	100	7.45	2.18	0.000	0.078	0.078	0.100	0	08/10/2021	13:09
6	CAL6	0.5	1	100	100	7.50	2.34	0.000	0.384	0.384	0.501	-0.2	08/10/2021	13:10
7	CAL7	1	1	100	100	7.64	2.28	0.000	0.765	0.765	0.999	0.1	08/10/2021	13:11

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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	7.34	2.08	0.000	0.382	0.382	0.498	08/10/2021	13:15
2	ICB		1	100	100	7.56	1.78	0.000	0.002	0.002	0.001	08/10/2021	13:16
3	CCV1	0.5	1	100	100	7.40	1.92	0.000	0.379	0.379	0.495	08/10/2021	13:17
4	CCB1		1	100	100	7.34	1.85	0.000	0.001	0.001	0.000	08/10/2021	13:18
5	RL Check	0.01	1	100	100	7.28	2.10	0.000	0.010	0.010	0.012	08/10/2021	13:19
6	PB138273BL		1	2.50	100	7.18	2.35	0.000	0.002	0.002	0.001	08/10/2021	13:20
7	PB138273BS	20	1	2.50	100	7.45	2.20	0.001	0.351	0.350	0.457	08/10/2021	13:21
8	M3308-04		1	2.53	100	7.62	1.88	0.057	0.059	0.002	0.001	08/10/2021	13:22
9	M3318-01		1	2.52	100	7.19	1.74	0.073	0.074	0.001	0.000	08/10/2021	13:23
10	M3318-01DU		1	2.51	100	7.62	1.95	0.072	0.073	0.001	0.000	08/10/2021	13:24
11	M3318-01MS	40	2	2.53	100	7.54	1.82	0.070	0.086	0.016	0.020	08/10/2021	13:25
12	M3318-01MS	1284	40	2.57	100	7.46	2.07	0.065	0.635	0.570	0.744	08/10/2021	13:26
13	M3318-01MS	40	2	2.56	100	7.32	1.88	0.069	0.101	0.032	0.041	08/10/2021	13:27
14	M3318-02		1	2.55	100	7.28	1.79	0.080	0.082	0.002	0.001	08/10/2021	13:28
15	M3318-03		1	2.56	100	7.17	1.95	0.078	0.080	0.002	0.001	08/10/2021	13:29
16	CCV2	0.5	1	100	100	7.28	2.34	0.000	0.380	0.380	0.496	08/10/2021	13:30
17	CCB2		1	100	100	7.37	2.28	0.000	0.001	0.001	0.000	08/10/2021	13:31
18	M3318-04		1	2.54	100	7.46	2.19	0.071	0.073	0.002	0.001	08/10/2021	13:32
19	M3321-01		1	2.57	100	7.65	2.08	0.083	0.085	0.002	0.001	08/10/2021	13:33
20	M3326-01		1	2.55	100	7.51	2.14	0.032	0.033	0.001	0.000	08/10/2021	13:34
21	M3328-04		1	2.54	100	7.28	2.36	0.085	0.086	0.001	0.000	08/10/2021	13:35
22	M3331-07		1	2.56	100	7.30	2.41	0.030	0.031	0.001	0.000	08/10/2021	13:36
23	M3331-12		1	2.54	100	7.18	2.28	0.078	0.080	0.002	0.001	08/10/2021	13:37
24	M3334-01		1	2.58	100	7.28	2.18	0.026	0.027	0.001	0.000	08/10/2021	13:38
25	CCV3	0.5	1	100	100	7.34	2.09	0.000	0.378	0.378	0.493	08/10/2021	13:39
26	CCB3		1	100	100	7.28	1.88	0.000	0.002	0.002	0.001	08/10/2021	13:40