



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115517

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92178
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0011

Slope: 0.7659

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	0.002	0.002	0.001		07/24/2021	10:20
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.008	0.008	0.009	10	07/24/2021	10:21
3	CAL3	0.025	1	100	100	7.20	2.37	0.000	0.020	0.020	0.024	4	07/24/2021	10:22
4	CAL4	0.05	1	100	100	7.41	1.98	0.000	0.039	0.039	0.049	2	07/24/2021	10:23
5	CAL5	0.1	1	100	100	7.65	1.74	0.000	0.078	0.078	0.100	0	07/24/2021	10:24
6	CAL6	0.5	1	100	100	7.58	1.85	0.000	0.384	0.384	0.499	0.2	07/24/2021	10:25
7	CAL7	1	1	100	100	7.70	2.41	0.000	0.767	0.767	1	0	07/24/2021	10:26

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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	7.90	2.08	0.000	0.380	0.380	0.495	07/24/2021	10:30
2	ICB		1	100	100	7.80	1.98	0.000	0.002	0.002	0.001	07/24/2021	10:31
3	CCV1	0.5	1	100	100	7.52	1.74	0.000	0.381	0.381	0.496	07/24/2021	10:32
4	CCB1		1	100	100	7.63	2.34	0.000	0.001	0.001	0.000	07/24/2021	10:33
5	RL Check	0.01	1	100	100	7.47	2.25	0.000	0.010	0.010	0.012	07/24/2021	10:34
6	PB137922BL		1	2.50	100	7.45	2.10	0.000	0.001	0.001	0.000	07/24/2021	10:35
7	PB137922BS	20	1	2.50	100	7.20	1.88	0.003	0.355	0.352	0.458	07/24/2021	10:36
8	M3142-01		1	2.53	100	7.41	1.78	0.037	0.038	0.001	0.000	07/24/2021	10:37
9	M3142-01DU		1	2.52	100	7.32	1.95	0.036	0.037	0.001	0.000	07/24/2021	10:38
10	M3142-01MS	40	2	2.51	100	7.65	2.08	0.034	0.107	0.073	0.094	07/24/2021	10:39
11	M3142-01MS	1284	40	2.53	100	7.52	2.15	0.030	0.640	0.610	0.795	07/24/2021	10:40
12	M3142-01MS	40	2	2.50	100	7.47	2.34	0.035	0.185	0.150	0.194	07/24/2021	10:41
13	M3143-01		1	2.51	100	7.63	2.09	0.045	0.047	0.002	0.001	07/24/2021	10:42
14	M3143-03		1	2.55	100	7.45	1.78	0.042	0.043	0.001	0.000	07/24/2021	10:43
15	M3148-04		1	2.56	100	7.50	1.95	0.051	0.053	0.002	0.001	07/24/2021	10:44
16	CCV2	0.5	1	100	100	7.62	1.86	0.000	0.378	0.378	0.492	07/24/2021	10:45
17	CCB2		1	100	100	7.46	2.10	0.000	0.002	0.002	0.001	07/24/2021	10:46
18	M3150-01		1	2.54	100	7.58	2.34	0.027	0.028	0.001	0.000	07/24/2021	10:47
19	M3150-04		1	2.57	100	7.85	2.28	0.019	0.020	0.001	0.000	07/24/2021	10:48
20	M3151-01		1	2.55	100	7.41	2.15	0.025	0.027	0.002	0.001	07/24/2021	10:49
21	M3151-02		1	2.52	100	7.28	2.34	0.031	0.032	0.001	0.000	07/24/2021	10:50
22	M3151-03		1	2.56	100	7.35	2.41	0.040	0.042	0.002	0.001	07/24/2021	10:51
23	M3152-01		1	2.57	100	7.41	2.30	0.035	0.036	0.001	0.000	07/24/2021	10:52
24	M3152-04		1	2.58	100	7.56	2.19	0.028	0.029	0.001	0.000	07/24/2021	10:53
25	M3152-07		1	2.54	100	7.48	2.28	0.022	0.023	0.001	0.000	07/24/2021	10:54
26	M3152-10		1	2.58	100	7.74	2.17	0.032	0.033	0.001	0.000	07/24/2021	10:55
27	CCV3	0.5	1	100	100	7.62	2.34	0.000	0.379	0.379	0.493	07/24/2021	10:56
28	CCB3		1	100	100	7.27	2.28	0.000	0.001	0.001	0.000	07/24/2021	10:58