



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114565

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91186
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0013

Slope: 0.7645

Regression: 0.999995

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	7.25	2.28	0.000	0.002	0.002	0.000		05/20/2021	12:05
2	CAL2	0.01	1	100	100	7.10	1.95	0.000	0.008	0.008	0.008	20	05/20/2021	12:05
3	CAL3	0.025	1	100	100	7.36	1.74	0.000	0.020	0.020	0.024	4	05/20/2021	12:06
4	CAL4	0.05	1	100	100	7.52	1.80	0.000	0.039	0.039	0.049	2	05/20/2021	12:07
5	CAL5	0.1	1	100	100	7.60	1.96	0.000	0.078	0.078	0.100	0	05/20/2021	12:08
6	CAL6	0.5	1	100	100	7.75	2.08	0.000	0.385	0.385	0.501	-0.2	05/20/2021	12:09
7	CAL7	1	1	100	100	7.85	2.14	0.000	0.765	0.765	0.998	0.2	05/20/2021	12:10

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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	7.41	2.15	0.000	0.384	0.384	0.501	05/20/2021	12:11
2	ICB		1	100	100	7.63	2.34	0.000	0.001	0.001	0.000	05/20/2021	12:12
3	CCV1	0.5	1	100	100	7.28	2.20	0.000	0.381	0.381	0.497	05/20/2021	12:13
4	CCB1		1	100	100	7.34	1.98	0.000	0.001	0.001	0.000	05/20/2021	12:14
5	RL Check	0.01	1	100	100	7.18	1.78	0.000	0.009	0.009	0.010	05/20/2021	12:15
6	PB136530BL		1	2.50	100	7.29	1.85	0.000	0.002	0.002	0.001	05/20/2021	12:16
7	PB136530BS	20	1	2.50	100	7.52	2.09	0.003	0.357	0.354	0.461	05/20/2021	12:17
8	M2437-02		1	2.53	100	7.64	2.18	0.057	0.059	0.002	0.001	05/20/2021	12:18
9	M2437-02DU		1	2.52	100	7.41	2.29	0.055	0.057	0.002	0.001	05/20/2021	12:19
10	M2437-02MS	40	2	2.51	100	7.50	2.34	0.050	0.148	0.098	0.126	05/20/2021	12:20
11	M2437-02MS	1284	40	2.53	100	7.63	1.98	0.045	0.651	0.606	0.791	05/20/2021	12:21
12	M2437-02MS	40	2	2.50	100	7.34	1.87	0.052	0.188	0.136	0.176	05/20/2021	12:22
13	M2437-05		1	2.51	100	7.41	1.74	0.045	0.047	0.002	0.001	05/20/2021	12:23
14	M2437-08		1	2.52	100	7.34	2.09	0.067	0.069	0.002	0.001	05/20/2021	12:24
15	M2439-01		1	2.53	100	7.18	2.25	0.030	0.031	0.001	0.000	05/20/2021	12:25
16	CCV2	0.5	1	100	100	7.28	2.34	0.000	0.380	0.380	0.495	05/20/2021	12:26
17	CCB2		1	100	100	7.34	2.18	0.000	0.001	0.001	0.000	05/20/2021	12:27
18	M2439-03		1	2.55	100	7.45	2.25	0.035	0.036	0.001	0.000	05/20/2021	12:28
19	M2457-02		1	2.57	100	7.62	2.36	0.044	0.045	0.001	0.000	05/20/2021	12:29
20	M2462-01		1	2.54	100	7.56	2.07	0.029	0.030	0.001	0.000	05/20/2021	12:30
21	CCV3	0.5	1	100	100	7.40	1.95	0.000	0.379	0.379	0.494	05/20/2021	12:31
22	CCB3		1	100	100	7.30	1.72	0.000	0.002	0.002	0.001	05/20/2021	12:31