



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114151

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90687
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
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	7.15	2.08	0.000	0.001	0.001	0		04/26/2021	13:15
2	CAL2	0.01	1	100	100	7.32	2.15	0.000	0.008	0.008	0.009	10	04/26/2021	13:15
3	CAL3	0.025	1	100	100	7.44	2.37	0.000	0.020	0.020	0.024	4	04/26/2021	13:16
4	CAL4	0.05	1	100	100	7.25	2.25	0.000	0.039	0.039	0.049	2	04/26/2021	13:16
5	CAL5	0.1	1	100	100	7.09	1.95	0.000	0.078	0.078	0.100	0	04/26/2021	13:17
6	CAL6	0.5	1	100	100	7.52	1.79	0.000	0.384	0.384	0.501	-0.2	04/26/2021	13:17
7	CAL7	1	1	100	100	7.41	1.85	0.000	0.765	0.765	0.999	0.1	04/26/2021	13:18

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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	7.36	2.34	0.000	0.384	0.384	0.501	04/26/2021	13:19
2	ICB		1	100	100	7.42	2.41	0.000	0.002	0.002	0.001	04/26/2021	13:19
3	CCV1	0.5	1	100	100	7.35	2.26	0.000	0.383	0.383	0.500	04/26/2021	13:20
4	CCB1		1	100	100	7.26	2.15	0.000	0.001	0.001	0.000	04/26/2021	13:20
5	RL Check	0.01	1	100	100	7.41	1.74	0.000	0.009	0.009	0.010	04/26/2021	13:21
6	PB135926BL		1	2.50	100	7.34	1.92	0.000	0.002	0.002	0.001	04/26/2021	13:22
7	PB135926BS	20	1	2.50	100	7.52	1.86	0.003	0.356	0.353	0.460	04/26/2021	13:23
8	M2128-01		1	2.53	100	7.62	1.74	0.012	0.017	0.005	0.005	04/26/2021	13:24
9	M2128-01DU		1	2.52	100	7.48	2.08	0.011	0.016	0.005	0.005	04/26/2021	13:25
10	M2128-01MS	40	2	2.51	100	7.62	2.34	0.010	0.358	0.348	0.454	04/26/2021	13:26
11	M2128-01MS	1284	40	2.53	100	7.34	2.18	0.008	0.651	0.643	0.840	04/26/2021	13:27
12	M2128-01MS	40	2	2.50	100	7.16	2.07	0.011	0.407	0.396	0.517	04/26/2021	13:28
13	M2128-02		1	2.51	100	7.28	2.14	0.015	0.016	0.001	0.000	04/26/2021	13:28
14	M2132-01		1	2.56	100	7.34	2.34	0.040	0.042	0.002	0.001	04/26/2021	13:29
15	M2132-06		1	2.55	100	7.63	2.25	0.020	0.021	0.001	0.000	04/26/2021	13:30
16	CCV2	0.5	1	100	100	7.12	2.15	0.000	0.380	0.380	0.496	04/26/2021	13:31
17	CCB2		1	100	100	7.08	2.06	0.000	0.001	0.001	0.000	04/26/2021	13:32
18	M2152-01		1	2.52	100	7.15	1.85	0.015	0.015	0.000	-0.001	04/26/2021	13:33
19	M2152-06		1	2.54	100	7.34	1.74	0.028	0.030	0.002	0.001	04/26/2021	13:34
20	M2163-01		1	2.56	100	7.28	1.92	0.015	0.017	0.002	0.001	04/26/2021	13:35
21	M2176-04		1	2.54	100	7.41	2.34	0.030	0.031	0.001	0.000	04/26/2021	13:36
22	M2176-09		1	2.53	100	7.58	2.10	0.058	0.060	0.002	0.001	04/26/2021	13:37
23	M2176-14		1	2.56	100	7.60	1.88	0.046	0.048	0.002	0.001	04/26/2021	13:38
24	M2176-18		1	2.58	100	7.51	2.09	0.064	0.066	0.002	0.001	04/26/2021	13:39
25	CCV3	0.5	1	100	100	7.41	2.32	0.000	0.381	0.381	0.497	04/26/2021	13:40
26	CCB3		1	100	100	7.32	2.14	0.000	0.001	0.001	0.000	04/26/2021	13:40