



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114027

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90564
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0009

Slope: 0.7653

Regression: 0.999999

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	7.08	2.05	0.000	0.001	0.001	0.000		04/17/2021	12:15
2	CAL2	0.01	1	100	100	7.14	1.88	0.000	0.008	0.008	0.009	10	04/17/2021	12:15
3	CAL3	0.025	1	100	100	7.35	1.78	0.000	0.020	0.020	0.024	4	04/17/2021	12:16
4	CAL4	0.05	1	100	100	7.46	1.96	0.000	0.039	0.039	0.049	2	04/17/2021	12:16
5	CAL5	0.1	1	100	100	7.55	1.88	0.000	0.078	0.078	0.100	0	04/17/2021	12:17
6	CAL6	0.5	1	100	100	7.63	1.74	0.000	0.384	0.384	0.500	0	04/17/2021	12:18
7	CAL7	1	1	100	100	7.12	1.88	0.000	0.766	0.766	0.999	0.1	04/17/2021	12:18

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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	7.35	2.09	0.000	0.378	0.378	0.493	04/17/2021	12:19
2	ICB		1	100	100	7.24	1.88	0.000	0.000	0.000	-0.001	04/17/2021	12:20
3	CCV1	0.5	1	100	100	7.32	2.32	0.000	0.380	0.380	0.495	04/17/2021	12:45
4	CCB1		1	100	100	7.22	2.14	0.000	0.000	0.000	-0.001	04/17/2021	12:46
5	RL Check	0.01	1	100	100	7.15	2.09	0.000	0.009	0.009	0.011	04/17/2021	12:47
6	PB135815BL		1	2.50	100	7.41	1.98	0.000	0.002	0.002	0.001	04/17/2021	12:48
7	PB135815BS	20	1	2.50	100	7.36	1.88	0.000	0.349	0.349	0.455	04/17/2021	12:49
8	M2023-01		1	2.55	100	7.21	1.78	0.027	0.029	0.002	0.001	04/17/2021	12:50
9	M2023-01DU		1	2.56	100	7.36	2.25	0.026	0.028	0.002	0.001	04/17/2021	12:51
10	M2023-01MS	40	2	2.58	100	7.40	2.14	0.023	0.192	0.169	0.220	04/17/2021	12:52
11	M2023-01MS	1284	40	2.56	100	7.26	2.26	0.020	0.655	0.635	0.829	04/17/2021	12:53
12	M2023-01MS	40	2	2.57	100	7.10	2.08	0.024	0.331	0.307	0.400	04/17/2021	12:54
13	M2023-03		1	2.56	100	7.35	1.78	0.023	0.023	0.000	-0.001	04/17/2021	12:55
14	M2024-01		1	2.55	100	7.46	1.89	0.030	0.032	0.002	0.001	04/17/2021	12:56
15	M2024-03		1	2.56	100	7.55	1.95	0.028	0.030	0.002	0.001	04/17/2021	12:57
16	CCV2	0.5	1	100	100	7.74	2.14	0.000	0.381	0.381	0.497	04/17/2021	12:58
17	CCB2		1	100	100	7.82	2.25	0.000	0.002	0.002	0.001	04/17/2021	12:59
18	M2063-01		1	2.54	100	7.63	2.36	0.015	0.015	0.000	-0.001	04/17/2021	13:00
19	M2063-03		1	2.57	100	7.50	2.41	0.014	0.015	0.001	0.000	04/17/2021	13:01
20	M2063-05		1	2.54	100	7.34	2.18	0.025	0.026	0.001	0.000	04/17/2021	13:02
21	M2063-07		1	2.55	100	7.52	2.26	0.021	0.023	0.002	0.001	04/17/2021	13:03
22	M2063-09		1	2.56	100	7.71	1.85	0.025	0.026	0.001	0.000	04/17/2021	13:04
23	M2063-11		1	2.58	100	7.60	1.70	0.021	0.023	0.002	0.001	04/17/2021	13:05
24	CCV3	0.5	1	100	100	7.20	1.92	0.000	0.382	0.382	0.498	04/17/2021	13:06
25	CCB3		1	100	100	7.18	2.08	0.000	0.001	0.001	0.000	04/17/2021	13:06