



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117487

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94016
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0007

Slope: 0.7692

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	2.08	0.000	0.001	0.001	0.000		11/22/2021	15:05
2	CAL2	0.01	1	100	100	7.15	1.88	0.000	0.008	0.008	0.009	10	11/22/2021	15:06
3	CAL3	0.025	1	100	100	7.35	1.74	0.000	0.020	0.020	0.025	0	11/22/2021	15:07
4	CAL4	0.05	1	100	100	7.28	1.95	0.000	0.039	0.039	0.049	2	11/22/2021	15:08
5	CAL5	0.1	1	100	100	7.64	2.15	0.000	0.078	0.078	0.100	0	11/22/2021	15:10
6	CAL6	0.5	1	100	100	7.48	2.34	0.000	0.385	0.385	0.499	0.2	11/22/2021	15:11
7	CAL7	1	1	100	100	7.58	2.20	0.000	0.770	0.770	1.000	0	11/22/2021	15:12

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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	7.18	2.25	0.000	0.380	0.380	0.493	11/22/2021	15:15
2	ICB		1	100	100	7.20	1.88	0.000	0.002	0.002	0.002	11/22/2021	15:16
3	CCV1	0.5	1	100	100	7.34	1.74	0.000	0.379	0.379	0.492	11/22/2021	15:18
4	CCB1		1	100	100	7.19	1.95	0.000	0.002	0.002	0.002	11/22/2021	15:20
5	RL Check	0.01	1	100	100	7.34	2.34	0.000	0.010	0.010	0.012	11/22/2021	15:21
6	PB140926BL		1	2.50	100	7.24	2.20	0.000	0.002	0.002	0.002	11/22/2021	15:22
7	PB140926BS	20	1	2.50	100	7.10	2.14	0.002	0.353	0.351	0.455	11/22/2021	15:25
8	M4736-01		1	2.53	100	7.37	1.88	0.045	0.047	0.002	0.002	11/22/2021	15:26
9	M4736-01DU		1	2.52	100	7.41	1.74	0.044	0.046	0.002	0.002	11/22/2021	15:27
10	M4736-01MS	40	2	2.51	100	7.34	1.96	0.040	0.189	0.149	0.193	11/22/2021	15:28
11	M4736-01MS	1284	40	2.53	100	7.28	2.05	0.035	0.629	0.594	0.771	11/22/2021	15:30
12	M4736-01MS	40	2	2.50	100	7.14	1.74	0.041	0.259	0.218	0.283	11/22/2021	15:32
13	M4770-01		1	2.51	100	7.28	1.95	0.038	0.039	0.001	0.000	11/22/2021	15:33
14	M4770-03		1	2.55	100	7.34	2.40	0.040	0.041	0.001	0.000	11/22/2021	15:34
15	M4770-05		1	2.56	100	7.18	2.35	0.047	0.048	0.001	0.000	11/22/2021	15:35
16	CCV2	0.5	1	100	100	7.28	2.20	0.002	0.378	0.376	0.488	11/22/2021	15:36
17	CCB2		1	100	100	7.34	2.14	0.000	0.002	0.002	0.002	11/22/2021	15:37
18	M4770-07		1	2.54	100	7.14	2.09	0.028	0.030	0.002	0.002	11/22/2021	15:38
19	M4781-01		1	2.55	100	7.20	1.89	0.039	0.040	0.001	0.000	11/22/2021	15:39
20	M4783-01		1	2.54	100	7.39	1.74	0.035	0.037	0.002	0.002	11/22/2021	15:40
21	M4796-01		1	2.57	100	7.41	1.85	0.050	0.052	0.002	0.002	11/22/2021	15:42
22	M4801-01		1	2.56	100	7.28	2.30	0.022	0.023	0.001	0.000	11/22/2021	15:43
23	CCV3	0.5	1	100	100	7.36	2.15	0.000	0.379	0.379	0.492	11/22/2021	15:44
24	CCB3		1	100	100	7.24	2.28	0.000	0.002	0.002	0.002	11/22/2021	15:45