



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112881

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP89171
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024

Intercept: 0.0008

Slope: 0.7635

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100	7.18	2.34	0.000	0.001	0.001	01/22/2021	10:05
2	CAL2	0.01	1	100	100	7.34	2.14	0.001	0.008	0.007	01/22/2021	10:06
3	CAL3	0.025	1	100	100	7.25	1.95	0.002	0.022	0.020	01/22/2021	10:07
4	CAL4	0.05	1	100	100	7.42	1.87	0.001	0.040	0.039	01/22/2021	10:08
5	CAL5	0.1	1	100	100	7.08	2.06	0.002	0.080	0.078	01/22/2021	10:09
6	CAL6	0.5	1	100	100	7.12	2.28	0.002	0.385	0.383	01/22/2021	10:10
7	CAL7	1	1	100	100	7.51	2.34	0.001	0.765	0.764	01/22/2021	10:11



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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.64	2.34	0.000	0.382	0.382	0.499	01/22/2021	10:12
2	ICB		1	100	100	7.25	2.18	0.000	0.000	0.000	-0.001	01/22/2021	10:13
3	CCV1	0.5	1	100	100	7.66	2.18	0.000	0.380	0.380	0.497	01/22/2021	10:14
4	CCB1		1	100	100	7.42	2.29	0.000	0.000	0.000	-0.001	01/22/2021	10:15
5	PB134256BL		1	2.50	100	7.31	1.98	0.000	0.001	0.001	0.000	01/22/2021	10:16
6	PB134256BS	20	1	2.50	100	7.20	1.87	0.002	0.353	0.351	0.459	01/22/2021	10:17
7	M1179-02		1	2.53	100	7.16	1.78	0.030	0.032	0.002	0.002	01/22/2021	10:18
8	M1179-02DUP		1	2.52	100	7.68	1.75	0.029	0.031	0.002	0.002	01/22/2021	10:19
9	M1179-02MSPre	40	2	2.51	100	7.54	1.85	0.025	0.377	0.352	0.460	01/22/2021	10:20
10	M1179-02MS2Ins	1284	40	2.53	100	7.43	1.96	0.020	0.655	0.635	0.831	01/22/2021	10:21
11	M1179-02MS3Post	40	2	2.50	100	7.34	2.09	0.026	0.402	0.376	0.491	01/22/2021	10:22
12	M1179-04		1	2.51	100	7.77	2.14	0.018	0.019	0.001	0.000	01/22/2021	10:23
13	M1179-06		1	2.55	100	7.36	2.37	0.023	0.025	0.002	0.002	01/22/2021	10:24
14	M1179-08		1	2.52	100	7.28	2.07	0.050	0.052	0.002	0.002	01/22/2021	10:25
15	CCV2	0.5	1	100	100	7.55	1.88	0.000	0.381	0.381	0.498	01/22/2021	10:26
16	CCB2		1	100	100	7.34	2.34	0.000	0.000	0.000	-0.001	01/22/2021	10:27
17	M1191-01		1	2.53	100	7.27	2.42	0.080	0.082	0.002	0.002	01/22/2021	10:28
18	M1191-02		1	2.57	100	7.19	1.87	0.042	0.044	0.002	0.002	01/22/2021	10:29
19	M1191-03		1	2.54	100	7.07	1.95	0.038	0.040	0.002	0.002	01/22/2021	10:30
20	M1191-04		1	2.55	100	7.64	1.84	0.071	0.073	0.002	0.002	01/22/2021	10:31
21	M1191-05		1	2.56	100	7.34	1.75	0.068	0.070	0.002	0.002	01/22/2021	10:32
22	CCV3	0.5	1	100	100	7.26	1.67	0.000	0.383	0.383	0.501	01/22/2021	10:33
23	CCB3		1	100	100	7.41	1.97	0.000	0.000	0.000	-0.001	01/22/2021	10:33