



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113213

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP89532
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024

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	7.19	2.25	0.000	0.001	0.001	0.000		02/22/2021	15:45
2	CAL2	0.01	1	100	100	7.34	1.98	0.000	0.008	0.008	0.009	10	02/22/2021	15:46
3	CAL3	0.025	1	100	100	7.26	1.79	0.000	0.020	0.020	0.024	4	02/22/2021	15:47
4	CAL4	0.05	1	100	100	7.45	2.08	0.000	0.039	0.039	0.049	2	02/22/2021	15:48
5	CAL5	0.1	1	100	100	7.64	2.37	0.000	0.078	0.078	0.100	0	02/22/2021	15:49
6	CAL6	0.5	1	100	100	7.58	2.18	0.000	0.384	0.384	0.500	0	02/22/2021	15:50
7	CAL7	1	1	100	100	7.78	2.28	0.000	0.766	0.766	0.999	0.1	02/22/2021	15:51

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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	7.54	2.07	0.000	0.383	0.383	0.499	02/22/2021	15:52
2	ICB		1	100	100	7.34	2.14	0.000	0.000	0.000	-0.001	02/22/2021	15:53
3	CCV1	0.5	1	100	100	7.28	2.36	0.000	0.383	0.383	0.499	02/22/2021	15:54
4	CCB1		1	100	100	7.19	2.28	0.000	0.000	0.000	-0.001	02/22/2021	15:55
5	LR Check	0.01	1	100	100	7.08	1.96	0.000	0.009	0.009	0.011	02/22/2021	15:56
6	PB134770BL		1	2.50	100	7.46	1.88	0.000	0.000	0.000	-0.001	02/22/2021	15:57
7	PB134770BS	20	1	2.50	100	7.55	1.79	0.000	0.353	0.353	0.460	02/22/2021	15:58
8	M1452-03		1	2.53	100	7.67	2.09	0.025	0.027	0.002	0.001	02/22/2021	15:59
9	M1452-03DU		1	2.52	100	7.56	2.28	0.024	0.026	0.002	0.001	02/22/2021	16:00
10	M1452-03MS	40	2	2.55	100	7.47	2.14	0.023	0.097	0.074	0.096	02/22/2021	16:01
11	M1452-03MS	1284	40	2.53	100	7.29	2.45	0.020	0.654	0.634	0.827	02/22/2021	16:02
12	M1452-03MS	40	2	2.54	100	7.16	2.29	0.022	0.182	0.160	0.208	02/22/2021	16:03
13	M1452-07		1	2.56	100	7.08	1.89	0.040	0.042	0.002	0.001	02/22/2021	16:04
14	M1452-11		1	2.55	100	7.67	1.78	0.037	0.039	0.002	0.001	02/22/2021	16:05
15	M1452-15		1	2.56	100	7.75	1.67	0.055	0.056	0.001	0.000	02/22/2021	16:06
16	CCV2	0.5	1	100	100	7.46	2.08	0.000	0.381	0.381	0.497	02/22/2021	16:07
17	CCB2		1	100	100	7.34	2.28	0.000	0.000	0.000	-0.001	02/22/2021	16:08
18	M1452-19		1	2.54	100	7.28	2.16	0.050	0.052	0.002	0.001	02/22/2021	16:09
19	M1452-23		1	2.57	100	7.19	2.36	0.018	0.019	0.001	0.000	02/22/2021	16:10
20	M1452-27		1	2.54	100	7.56	2.18	0.028	0.029	0.001	0.000	02/22/2021	16:11
21	CCV3	0.5	1	100	100	7.46	1.87	0.000	0.380	0.380	0.495	02/22/2021	16:12
22	CCB3		1	100	100	7.27	2.18	0.000	0.000	0.000	-0.001	02/22/2021	16:13