



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116284

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92943
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.001

Slope: 0.7656

Regression: 0.999997

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	2.16	0.000	0.001	0.001	0		09/14/2021	11:40
2	CAL2	0.01	1	100	100	7.35	2.30	0.000	0.008	0.008	0.009	10	09/14/2021	11:41
3	CAL3	0.025	1	100	100	7.20	2.28	0.000	0.020	0.020	0.024	4	09/14/2021	11:42
4	CAL4	0.05	1	100	100	7.45	2.09	0.000	0.039	0.039	0.049	2	09/14/2021	11:43
5	CAL5	0.1	1	100	100	7.62	1.96	0.000	0.078	0.078	0.100	0	09/14/2021	11:44
6	CAL6	0.5	1	100	100	7.50	1.74	0.000	0.385	0.385	0.501	-0.2	09/14/2021	11:45
7	CAL7	1	1	100	100	7.34	1.85	0.000	0.766	0.766	0.999	0.1	09/14/2021	11:47

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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	2.09	0.000	0.382	0.382	0.498	09/14/2021	11:50
2	ICB		1	100	100	7.28	2.15	0.000	0.002	0.002	0.001	09/14/2021	11:51
3	CCV1	0.5	1	100	100	7.37	2.34	0.000	0.380	0.380	0.495	09/14/2021	11:52
4	CCB1		1	100	100	7.40	2.18	0.000	0.001	0.001	0.000	09/14/2021	11:53
5	RL Check	0.01	1	100	100	7.52	2.09	0.000	0.010	0.010	0.012	09/14/2021	11:54
6	PB138996BL		1	2.50	100	7.34	1.98	0.000	0.002	0.002	0.001	09/14/2021	11:55
7	PB138996BS	20	1	2.50	100	7.28	1.78	0.002	0.355	0.353	0.460	09/14/2021	11:57
8	M3657-07		1	2.55	100	7.19	1.85	0.038	0.040	0.002	0.001	09/14/2021	11:58
9	M3680-01		1	2.53	100	7.28	2.16	0.027	0.028	0.001	0.000	09/14/2021	12:00
10	M3680-01DU		1	2.52	100	7.34	2.30	0.026	0.027	0.001	0.000	09/14/2021	12:01
11	M3680-01MS	40	2	2.51	100	7.18	2.28	0.025	0.173	0.148	0.192	09/14/2021	12:02
12	M3680-01MS	1284	40	2.53	100	7.28	1.88	0.020	0.632	0.612	0.798	09/14/2021	12:03
13	M3680-01MS	40	2	2.54	100	7.30	1.74	0.024	0.258	0.234	0.304	09/14/2021	12:05
14	M3680-03		1	2.56	100	7.41	1.95	0.030	0.031	0.001	0.000	09/14/2021	12:06
15	M3711-01		1	2.57	100	7.55	2.19	0.069	0.070	0.001	0.000	09/14/2021	12:07
16	CCV2	0.5	1	100	100	7.62	2.34	0.000	0.379	0.379	0.494	09/14/2021	12:08
17	CCB2		1	100	100	7.28	2.25	0.000	0.001	0.001	0.000	09/14/2021	12:09
18	M3724-01		1	2.54	100	7.34	2.07	0.079	0.081	0.002	0.001	09/14/2021	12:10
19	M3724-03		1	2.57	100	7.42	1.78	0.024	0.025	0.001	0.000	09/14/2021	12:12
20	CCV3	0.5	1	100	100	7.08	1.98	0.000	0.382	0.382	0.498	09/14/2021	12:14
21	CCB3		1	100	100	7.44	1.85	0.000	0.001	0.001	0.000	09/14/2021	12:15