

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116410

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93029
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
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	7.34	2.15	0.000	0.001	0.001	0.000		09/21/2021	13:05
2	CAL2	0.01	1	100	100	7.15	2.09	0.000	0.008	0.008	0.009	10	09/21/2021	13:06
3	CAL3	0.025	1	100	100	7.20	2.34	0.000	0.020	0.020	0.025	0	09/21/2021	13:07
4	CAL4	0.05	1	100	100	7.41	2.25	0.000	0.039	0.039	0.049	2	09/21/2021	13:08
5	CAL5	0.1	1	100	100	7.62	2.10	0.000	0.078	0.078	0.100	0	09/21/2021	13:09
6	CAL6	0.5	1	100	100	7.50	1.95	0.000	0.385	0.385	0.499	0.2	09/21/2021	13:10
7	CAL7	1	1	100	100	7.74	1.74	0.000	0.770	0.770	1.000	0	09/21/2021	13:11

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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	7.62	2.08	0.000	0.381	0.381	0.494	09/21/2021	13:15
2	ICB		1	100	100	7.40	2.15	0.000	0.002	0.002	0.002	09/21/2021	13:16
3	CCV1	0.5	1	100	100	7.28	2.35	0.000	0.379	0.379	0.492	09/21/2021	13:17
4	CCB1		1	100	100	7.19	2.25	0.000	0.001	0.001	0.000	09/21/2021	13:18
5	RL Check	0.01	1	100	100	7.28	2.10	0.000	0.010	0.010	0.012	09/21/2021	13:20
6	PB139203BL		1	2.50	100	7.37	2.34	0.000	0.002	0.002	0.002	09/21/2021	13:21
7	PB139203BS	20	1	2.50	100	7.42	2.20	0.000	0.361	0.361	0.468	09/21/2021	13:25
8	M3786-01		1	2.53	100	7.37	1.98	0.040	0.041	0.001	0.000	09/21/2021	13:26
9	M3786-01DU		1	2.55	100	7.27	1.78	0.039	0.040	0.001	0.000	09/21/2021	13:27
10	M3786-01MS	40	2	2.53	100	7.18	1.85	0.038	0.140	0.102	0.132	09/21/2021	13:28
11	M3786-01MS	1284	40	2.56	100	7.37	1.90	0.030	0.631	0.601	0.780	09/21/2021	13:30
12	M3786-01MS	40	2	2.54	100	7.18	2.23	0.035	0.188	0.153	0.198	09/21/2021	13:31
13	M3786-03		1	2.57	100	7.28	2.14	0.026	0.027	0.001	0.000	09/21/2021	13:32
14	M3786-05		1	2.58	100	7.62	2.09	0.026	0.026	0.000	-0.001	09/21/2021	13:33
15	M3824-01		1	2.55	100	7.41	1.89	0.040	0.048	0.008	0.009	09/21/2021	13:35
16	CCV2	0.5	1	100	100	7.55	1.74	0.000	0.381	0.381	0.494	09/21/2021	13:36
17	CCB2		1	100	100	7.74	2.30	0.000	0.002	0.002	0.002	09/21/2021	13:37
18	M3824-04		1	2.54	100	7.80	2.18	0.032	0.035	0.003	0.003	09/21/2021	13:38
19	M3832-01		1	2.57	100	7.62	2.25	0.032	0.034	0.002	0.002	09/21/2021	13:40
20	CCV3	0.5	1	100	100	7.09	2.09	0.000	0.379	0.379	0.492	09/21/2021	13:41
21	CCB3		1	100	100	7.17	2.14	0.000	0.001	0.001	0.000	09/21/2021	13:42