

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114286

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90783
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0009

Slope: 0.7641

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	7.24	2.14	0.000	0.001	0.001	0.000		05/05/2021	13:10
2	CAL2	0.01	1	100	100	7.15	1.98	0.000	0.008	0.008	0.009	10	05/05/2021	13:11
3	CAL3	0.025	1	100	100	7.36	1.87	0.000	0.020	0.020	0.024	4	05/05/2021	13:12
4	CAL4	0.05	1	100	100	7.52	1.78	0.000	0.039	0.039	0.049	2	05/05/2021	13:13
5	CAL5	0.1	1	100	100	7.62	1.85	0.000	0.078	0.078	0.100	0	05/05/2021	13:14
6	CAL6	0.5	1	100	100	7.41	2.08	0.000	0.383	0.383	0.500	0	05/05/2021	13:15
7	CAL7	1	1	100	100	7.09	2.09	0.000	0.765	0.765	1	0	05/05/2021	13:16

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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	7.08	2.14	0.000	0.383	0.383	0.500	05/05/2021	13:17
2	ICB		1	100	100	7.14	2.32	0.000	0.002	0.002	0.001	05/05/2021	13:17
3	CCV1	0.5	1	100	100	7.32	2.42	0.000	0.379	0.379	0.495	05/05/2021	13:18
4	CCB1		1	100	100	7.52	1.88	0.000	0.001	0.001	0.000	05/05/2021	13:18
5	RL Check	0.01	1	100	100	7.40	1.74	0.000	0.009	0.009	0.011	05/05/2021	13:19
6	PB136104BL		1	2.50	100	7.62	1.65	0.000	0.002	0.002	0.001	05/05/2021	13:20
7	PB136104BS	20	1	2.50	100	7.74	1.98	0.002	0.373	0.371	0.484	05/05/2021	13:21
8	M2214-07		1	2.50	100	7.50	1.80	0.019	1.389	1.370	1.792	05/05/2021	13:22
9	M2252-01		1	2.52	100	7.25	2.08	0.010	0.012	0.002	0.001	05/05/2021	13:23
10	M2252-01DU		1	2.51	100	7.34	2.14	0.009	0.011	0.002	0.001	05/05/2021	13:24
11	M2252-01MS	40	2	2.53	100	7.18	2.25	0.006	0.340	0.334	0.436	05/05/2021	13:25
12	M2252-01MS	1284	40	2.54	100	7.08	2.30	0.005	0.652	0.647	0.846	05/05/2021	13:26
13	M2252-01MS	40	2	2.55	100	7.34	2.14	0.007	0.384	0.377	0.492	05/05/2021	13:27
14	M2252-04		1	2.56	100	7.40	2.34	0.003	0.003	0.000	-0.001	05/05/2021	13:28
15	M2254-01		1	2.54	100	7.52	1.74	0.030	0.031	0.001	0.000	05/05/2021	13:29
16	CCV2	0.5	1	100	100	7.41	1.95	0.000	0.380	0.380	0.496	05/05/2021	13:30
17	CCB2		1	100	100	7.35	1.80	0.000	0.002	0.002	0.001	05/05/2021	13:30
18	M2254-05		1	2.53	100	7.24	2.08	0.040	0.042	0.002	0.001	05/05/2021	13:31
19	M2266-01		1	2.56	100	7.32	2.17	0.025	0.026	0.001	0.000	05/05/2021	13:32
20	M2275-01		1	2.55	100	7.25	2.20	0.013	0.013	0.000	-0.001	05/05/2021	13:33
21	M2275-09		1	2.57	100	7.15	2.30	0.068	0.070	0.002	0.001	05/05/2021	13:34
22	M2277-01		1	2.54	100	7.30	2.18	0.040	0.042	0.002	0.001	05/05/2021	13:35
23	M2280-01		1	2.53	100	7.14	1.85	0.068	0.070	0.002	0.001	05/05/2021	13:36
24	M2214-07		10	2.50	100	7.50	1.80	0.008	0.155	0.147	0.191	05/05/2021	13:37
25	CCV3	0.5	1	100	100	7.08	1.74	0.000	0.383	0.383	0.500	05/05/2021	13:38
26	CCB3		1	100	100	7.35	1.96	0.000	0.002	0.002	0.001	05/05/2021	13:38