

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116650

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93161
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
HEX LOD STD, 0.005PPM	WP93228
Hexchrome Cleaning Solution	WP92841
Hex LOQ Std, 0.01PPM	WP93229

Intercept: 0.0009

Slope: 0.7689

Regression: 0.999998

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	7.10	2.08	0.000	0.002	0.002	0.001		10/05/2021	12:05
2	CAL2	0.01	1	100	100	7.34	2.10	0.000	0.008	0.008	0.009	10	10/05/2021	12:06
3	CAL3	0.025	1	100	100	7.25	2.35	0.000	0.020	0.020	0.024	4	10/05/2021	12:07
4	CAL4	0.05	1	100	100	7.45	1.98	0.000	0.039	0.039	0.049	2	10/05/2021	12:08
5	CAL5	0.1	1	100	100	7.62	1.78	0.000	0.078	0.078	0.100	0	10/05/2021	12:09
6	CAL6	0.5	1	100	100	7.52	1.85	0.000	0.385	0.385	0.499	0.2	10/05/2021	12:10
7	CAL7	1	1	100	100	7.28	2.08	0.000	0.770	0.770	1.000	0	10/05/2021	12:11

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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	7.34	2.09	0.000	0.380	0.380	0.493	10/05/2021	12:15
2	ICB		1	100	100	7.28	1.89	0.000	0.001	0.001	0.000	10/05/2021	12:16
3	CCV1	0.5	1	100	100	7.34	1.74	0.000	0.379	0.379	0.492	10/05/2021	12:17
4	CCB1		1	100	100	7.40	1.85	0.000	0.002	0.002	0.001	10/05/2021	12:18
5	RL Check	0.01	1	100	100	7.37	2.10	0.000	0.010	0.010	0.012	10/05/2021	12:19
6	PB139629BL		1	2.50	100	7.27	2.34	0.000	0.002	0.002	0.001	10/05/2021	12:20
7	PB139629BS	20	1	2.50	100	7.34	2.32	0.002	0.351	0.349	0.453	10/05/2021	12:21
8	M4039-01		1	2.53	100	7.27	2.25	0.042	0.044	0.002	0.001	10/05/2021	12:22
9	M4039-01DU		1	2.52	100	7.41	2.10	0.041	0.043	0.002	0.001	10/05/2021	12:23
10	M4039-01MS	40	2	2.51	100	7.52	1.78	0.040	0.157	0.117	0.151	10/05/2021	12:25
11	M4039-01MS	1284	40	2.53	100	7.63	1.98	0.035	0.630	0.595	0.773	10/05/2021	12:26
12	M4039-01MS	40	2	2.54	100	7.41	1.85	0.039	0.226	0.187	0.242	10/05/2021	12:27
13	M4039-04		1	2.56	100	7.28	2.08	0.023	0.024	0.001	0.000	10/05/2021	12:28
14	M4046-01		1	2.55	100	7.18	1.77	0.006	0.006	0.000	-0.001	10/05/2021	12:29
15	M4046-03		1	2.56	100	7.34	1.98	0.010	0.010	0.000	-0.001	10/05/2021	12:30
16	CCV2	0.5	1	100	100	7.52	1.85	0.000	0.378	0.378	0.490	10/05/2021	12:31
17	CCB2		1	100	100	7.62	1.82	0.000	0.001	0.001	0.000	10/05/2021	12:32
18	M4046-04		1	2.54	100	7.74	2.05	0.009	0.010	0.001	0.000	10/05/2021	12:33
19	M4047-01		1	2.57	100	7.82	1.96	0.016	0.017	0.001	0.000	10/05/2021	12:34
20	M4047-03		1	2.55	100	7.37	2.31	0.017	0.017	0.000	-0.001	10/05/2021	12:35
21	M4056-01		1	2.54	100	7.27	2.14	0.056	0.058	0.002	0.001	10/05/2021	12:36
22	M4056-02		1	2.56	100	7.37	2.08	0.055	0.056	0.001	0.000	10/05/2021	12:37
23	M4057-01		1	2.58	100	7.48	2.40	0.040	0.041	0.001	0.000	10/05/2021	12:38
24	M4060-01		1	2.55	100	7.80	2.34	0.022	0.023	0.001	0.000	10/05/2021	12:39
25	M4066-01		1	2.54	100	7.37	2.20	0.005	0.005	0.000	-0.001	10/05/2021	12:40
26	M4068-01		1	2.58	100	7.41	2.14	0.000	0.005	0.005	0.005	10/05/2021	12:41
27	M4068-02		1	2.56	100	7.62	1.98	0.000	0.010	0.010	0.012	10/05/2021	12:42
28	CCV3	0.5	1	100	100	7.51	1.74	0.000	0.380	0.380	0.493	10/05/2021	12:43
29	CCB3		1	100	100	7.47	1.82	0.000	0.001	0.001	0.000	10/05/2021	12:44