

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115621

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92296
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0013

Slope: 0.7645

Regression: 0.999995

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	7.25	2.09	0.000	0.002	0.002	0.000		07/30/2021	14:05
2	CAL2	0.01	1	100	100	7.15	2.10	0.000	0.008	0.008	0.008	20	07/30/2021	14:06
3	CAL3	0.025	1	100	100	7.36	2.35	0.000	0.020	0.020	0.024	4	07/30/2021	14:07
4	CAL4	0.05	1	100	100	7.42	2.25	0.000	0.039	0.039	0.049	2	07/30/2021	14:08
5	CAL5	0.1	1	100	100	7.62	2.16	0.000	0.078	0.078	0.100	0	07/30/2021	14:09
6	CAL6	0.5	1	100	100	7.58	2.30	0.000	0.385	0.385	0.501	-0.2	07/30/2021	14:10
7	CAL7	1	1	100	100	7.34	2.41	0.000	0.765	0.765	0.998	0.2	07/30/2021	14:11

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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	7.27	2.10	0.000	0.380	0.380	0.495	07/30/2021	14:15
2	ICB		1	100	100	7.18	2.36	0.000	0.001	0.001	0.000	07/30/2021	14:16
3	CCV1	0.5	1	100	100	7.34	2.25	0.000	0.379	0.379	0.494	07/30/2021	14:17
4	CCB1		1	100	100	7.28	2.41	0.000	0.000	0.000	-0.002	07/30/2021	14:18
5	RL Check	0.01	1	100	100	7.37	2.30	0.000	0.010	0.010	0.011	07/30/2021	14:19
6	PB138052BL		1	2.50	100	7.40	2.25	0.000	0.002	0.002	0.001	07/30/2021	14:20
7	PB138052BS	20	1	2.50	100	7.52	2.14	0.001	0.351	0.350	0.456	07/30/2021	14:21
8	M3206-02		1	2.53	100	7.63	1.98	0.050	0.051	0.001	0.000	07/30/2021	14:22
9	M3206-02DU		1	2.52	100	7.21	1.78	0.049	0.050	0.001	0.000	07/30/2021	14:23
10	M3206-02MS	40	2	2.51	100	7.30	1.85	0.045	0.069	0.024	0.030	07/30/2021	14:24
11	M3206-02MS	1284	40	2.53	100	7.22	2.09	0.040	0.638	0.598	0.781	07/30/2021	14:25
12	M3206-02MS	40	2	2.50	100	7.64	2.15	0.044	0.089	0.045	0.057	07/30/2021	14:26
13	M3206-03		1	2.51	100	7.41	2.35	0.055	0.057	0.002	0.001	07/30/2021	14:27
14	M3206-04		1	2.50	100	7.58	2.28	0.057	0.059	0.002	0.001	07/30/2021	14:28
15	M3216-05		1	2.52	100	7.21	2.10	0.033	0.034	0.001	0.000	07/30/2021	14:29
16	CCV2	0.5	1	100	100	7.34	2.34	0.000	0.378	0.378	0.493	07/30/2021	14:30
17	CCB2		1	100	100	7.40	2.45	0.000	0.001	0.001	0.000	07/30/2021	14:31
18	M3216-06		1	2.53	100	7.62	2.29	0.051	0.053	0.002	0.001	07/30/2021	14:32
19	M3216-07		1	2.57	100	7.18	1.88	0.066	0.068	0.002	0.001	07/30/2021	14:33
20	M3216-08		1	2.55	100	7.30	1.76	0.077	0.078	0.001	0.000	07/30/2021	14:34
21	M3216-09		1	2.52	100	7.28	1.94	0.060	0.061	0.001	0.000	07/30/2021	14:35
22	M3216-10		1	2.51	100	7.61	2.15	0.060	0.061	0.001	0.000	07/30/2021	14:36
23	M3217-02		1	2.53	100	7.55	2.30	0.050	0.051	0.001	0.000	07/30/2021	14:37
24	M3222-01		1	2.59	100	7.27	2.25	0.013	0.013	0.000	-0.002	07/30/2021	14:38
25	M3228-03		1	2.53	100	7.41	2.19	0.071	0.073	0.002	0.001	07/30/2021	14:39
26	M3228-04		1	2.57	100	7.62	2.34	0.080	0.082	0.002	0.001	07/30/2021	14:40
27	M3235-01		1	2.56	100	7.52	2.05	0.055	0.056	0.001	0.000	07/30/2021	14:41
28	CCV3	0.5	1	100	100	7.30	1.74	0.000	0.377	0.377	0.491	07/30/2021	14:42
29	CCB3		1	100	100	7.27	1.98	0.000	0.002	0.002	0.001	07/30/2021	14:43
30	M3235-03		1	2.52	100	7.40	1.82	0.053	0.055	0.002	0.001	07/30/2021	14:44
31	M3238-01		1	2.53	100	7.52	1.69	0.038	0.038	0.000	-0.002	07/30/2021	14:45
32	M3238-03		1	2.54	100	7.28	1.85	0.064	0.066	0.002	0.001	07/30/2021	14:46
33	CCV4	0.5	1	100	100	7.10	1.71	0.000	0.380	0.380	0.495	07/30/2021	14:47
34	CCB4		1	100	100	7.09	1.93	0.000	0.001	0.001	0.000	07/30/2021	14:48