



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114891

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91567
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7642

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	7.52	2.10	0.000	0.002	0.002	0.001		06/10/2021	16:40
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.008	0.008	0.008	20	06/10/2021	16:40
3	CAL3	0.025	1	100	100	7.18	1.90	0.000	0.020	0.020	0.024	4	06/10/2021	16:41
4	CAL4	0.05	1	100	100	7.41	1.88	0.000	0.039	0.039	0.049	2	06/10/2021	16:42
5	CAL5	0.1	1	100	100	7.67	2.09	0.000	0.078	0.078	0.100	0	06/10/2021	16:43
6	CAL6	0.5	1	100	100	7.28	2.05	0.000	0.384	0.384	0.500	0	06/10/2021	16:44
7	CAL7	1	1	100	100	7.30	1.96	0.000	0.765	0.765	0.999	0.1	06/10/2021	16:45

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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	7.19	2.15	0.000	0.385	0.385	0.502	06/10/2021	16:46
2	ICB		1	100	100	7.28	2.35	0.000	0.002	0.002	0.001	06/10/2021	16:47
3	CCV1	0.5	1	100	100	7.37	2.20	0.000	0.382	0.382	0.498	06/10/2021	16:48
4	CCB1		1	100	100	7.70	1.98	0.000	0.001	0.001	0.000	06/10/2021	16:49
5	RL Check	0.01	1	100	100	7.28	1.74	0.000	0.009	0.009	0.010	06/10/2021	16:50
6	PB136955BL		1	2.50	100	7.35	1.85	0.000	0.001	0.001	0.000	06/10/2021	16:51
7	PB136955BS	20	1	2.50	100	7.40	1.74	0.003	0.357	0.354	0.462	06/10/2021	16:52
8	M2638-02		1	2.53	100	7.52	2.09	0.024	0.025	0.001	0.000	06/10/2021	16:53
9	M2651-01		1	2.52	100	7.68	2.10	0.075	0.076	0.001	0.000	06/10/2021	16:54
10	M2651-01DU		1	2.51	100	7.41	2.36	0.074	0.076	0.002	0.001	06/10/2021	16:55
11	M2651-01MS	40	2	2.53	100	7.58	2.20	0.070	0.173	0.103	0.133	06/10/2021	16:56
12	M2651-01MS	1284	40	2.50	100	7.48	2.41	0.065	0.652	0.587	0.767	06/10/2021	16:57
13	M2651-01MS	40	2	2.51	100	7.62	2.36	0.071	0.205	0.134	0.174	06/10/2021	16:58
14	M2651-02		1	2.53	100	7.85	2.25	0.029	0.030	0.001	0.000	06/10/2021	16:59
15	M2651-03		1	2.55	100	7.28	2.18	0.046	0.048	0.002	0.001	06/10/2021	17:00
16	CCV2	0.5	1	100	100	7.40	2.09	0.000	0.380	0.380	0.496	06/10/2021	17:01
17	CCB2		1	100	100	7.38	1.88	0.000	0.002	0.002	0.001	06/10/2021	17:02
18	M2651-04		1	2.54	100	7.25	1.95	0.018	0.018	0.000	-0.002	06/10/2021	17:03
19	M2651-05		1	2.55	100	7.52	1.74	0.027	0.029	0.002	0.001	06/10/2021	17:04
20	M2666-01		1	2.54	100	7.38	2.08	0.021	0.023	0.002	0.001	06/10/2021	17:05
21	M2673-01		1	2.52	100	7.85	2.38	0.013	0.014	0.001	0.000	06/10/2021	17:06
22	M2673-02		1	2.54	100	7.74	2.40	0.015	0.017	0.002	0.001	06/10/2021	17:07
23	M2673-03		1	2.58	100	7.62	2.18	0.012	0.013	0.001	0.000	06/10/2021	17:08
24	M2678-01		1	2.59	100	7.50	1.85	0.021	0.023	0.002	0.001	06/10/2021	17:09
25	M2678-02		1	2.54	100	7.28	1.74	0.035	0.036	0.001	0.000	06/10/2021	17:10
26	M2678-03		1	2.57	100	7.37	1.95	0.040	0.042	0.002	0.001	06/10/2021	17:11
27	M2678-04		1	2.56	100	7.41	2.37	0.027	0.028	0.001	0.000	06/10/2021	17:12
28	CCV3	0.5	1	100	100	7.37	2.28	0.000	0.381	0.381	0.497	06/10/2021	17:13
29	CCB3		1	100	100	7.40	2.07	0.000	0.001	0.001	0.000	06/10/2021	17:14
30	M2678-05		1	2.54	100	7.28	1.85	0.020	0.021	0.001	0.000	06/10/2021	17:15
31	M2678-06		1	2.53	100	7.37	2.09	0.035	0.036	0.001	0.000	06/10/2021	17:16
32	M2678-07		1	2.57	100	7.40	2.17	0.019	0.019	0.000	-0.002	06/10/2021	17:17
33	M2678-08		1	2.59	100	7.37	2.35	0.024	0.025	0.001	0.000	06/10/2021	17:18
34	M2678-09		1	2.54	100	7.45	2.28	0.018	0.018	0.000	-0.002	06/10/2021	17:19
35	M2678-10		1	2.56	100	7.65	2.17	0.029	0.030	0.001	0.000	06/10/2021	17:20
36	CCV4	0.5	1	100	100	7.58	2.08	0.000	0.383	0.383	0.500	06/10/2021	17:21
37	CCB4		1	100	100	7.28	2.18	0.000	0.002	0.002	0.001	06/10/2021	17:22