



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB115282

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91913
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7644

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	7.34	2.25	0.000	0.001	0.001	0		07/09/2021	13:05
2	CAL2	0.01	1	100	100	7.10	1.98	0.000	0.008	0.008	0.009	10	07/09/2021	13:06
3	CAL3	0.025	1	100	100	7.25	1.78	0.000	0.020	0.020	0.024	4	07/09/2021	13:07
4	CAL4	0.05	1	100	100	7.41	1.85	0.000	0.039	0.039	0.049	2	07/09/2021	13:08
5	CAL5	0.1	1	100	100	7.62	2.09	0.000	0.078	0.078	0.100	0	07/09/2021	13:09
6	CAL6	0.5	1	100	100	7.52	1.98	0.000	0.384	0.384	0.501	-0.2	07/09/2021	13:10
7	CAL7	1	1	100	100	7.71	2.16	0.000	0.765	0.765	0.999	0.1	07/09/2021	13:11



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Run Number: LB115282

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	7.85	2.20	0.000	0.380	0.380	0.496	07/09/2021	13:15
2	ICB		1	100	100	7.56	2.10	0.000	0.002	0.002	0.001	07/09/2021	13:16
3	CCV1	0.5	1	100	100	7.63	2.36	0.000	0.383	0.383	0.500	07/09/2021	13:17
4	CCB1		1	100	100	7.41	1.88	0.000	0.001	0.001	0.000	07/09/2021	13:18
5	RL Check	0.01	1	100	100	7.28	1.74	0.000	0.010	0.010	0.012	07/09/2021	13:19
6	PB137581BL		1	2.50	100	7.34	1.95	0.000	0.002	0.002	0.001	07/09/2021	13:20
7	PB137581BS	20	1	2.50	100	7.41	2.09	0.002	0.352	0.350	0.457	07/09/2021	13:22
8	M2864-07		1	2.55	100	7.62	2.14	0.017	0.018	0.001	0.000	07/09/2021	13:23
9	M2864-08		1	2.56	100	7.74	2.28	0.025	0.027	0.002	0.001	07/09/2021	13:24
10	M2936-04		1	2.55	100	7.40	2.30	0.034	0.035	0.001	0.000	07/09/2021	13:25
11	M2940-03		1	2.53	100	7.52	2.08	0.000	0.006	0.006	0.007	07/09/2021	13:26
12	M2963-01		1	2.52	100	7.36	2.14	0.018	0.019	0.001	0.000	07/09/2021	13:27
13	M2963-01DU		1	2.51	100	7.63	2.34	0.017	0.019	0.002	0.001	07/09/2021	13:28
14	M2963-01MS	40	2	2.53	100	7.40	2.25	0.014	0.310	0.296	0.386	07/09/2021	13:29
15	M2963-01MS	1284	40	2.50	100	7.25	1.85	0.010	0.640	0.630	0.823	07/09/2021	13:30
16	CCV2	0.5	1	100	100	7.13	1.90	0.000	0.379	0.379	0.495	07/09/2021	13:31
17	CCB2		1	100	100	7.37	2.34	0.000	0.001	0.001	0.000	07/09/2021	13:32
18	M2963-01MS	40	2	2.51	100	7.30	2.24	0.014	0.404	0.390	0.509	07/09/2021	13:33
19	M2963-03		1	2.50	100	7.45	1.97	0.029	0.030	0.001	0.000	07/09/2021	13:34
20	M2963-05		1	2.52	100	7.62	1.87	0.020	0.021	0.001	0.000	07/09/2021	13:35
21	M2963-07		1	2.55	100	7.74	1.78	0.026	0.027	0.001	0.000	07/09/2021	13:36
22	M2967-01		1	2.57	100	7.52	2.30	0.010	0.010	0.000	-0.001	07/09/2021	13:37
23	M2967-05		1	2.54	100	7.63	2.40	0.012	0.012	0.000	-0.001	07/09/2021	13:38
24	M2967-09		1	2.53	100	7.42	2.25	0.029	0.030	0.001	0.000	07/09/2021	13:39
25	M2990-01		1	2.56	100	7.50	1.85	0.024	0.025	0.001	0.000	07/09/2021	13:40
26	M2990-04		1	2.58	100	7.63	1.95	0.053	0.055	0.002	0.001	07/09/2021	13:41
27	M2990-07		1	2.55	100	7.74	1.72	0.013	0.013	0.000	-0.001	07/09/2021	13:42
28	CCV3	0.5	1	100	100	7.52	2.08	0.000	0.381	0.381	0.497	07/09/2021	13:43
29	CCB3		1	100	100	7.63	2.04	0.000	0.002	0.002	0.001	07/09/2021	13:44
30	M2990-10		1	2.54	100	7.40	1.86	0.013	0.013	0.000	-0.001	07/09/2021	13:45
31	M2990-13		1	2.57	100	7.28	2.19	0.023	0.024	0.001	0.000	07/09/2021	13:46
32	M2990-16		1	2.56	100	7.30	2.37	0.027	0.028	0.001	0.000	07/09/2021	13:47
33	CCV4	0.5	1	100	100	7.27	2.20	0.000	0.383	0.383	0.500	07/09/2021	13:48
34	CCB4		1	100	100	7.10	2.14	0.000	0.002	0.002	0.001	07/09/2021	13:48