



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125809

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102709
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.001

Slope: 0.7645

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	7.28	1.80	0.000	0.000	0.000	-0.00		06/06/2023	11:35
2	CAL2	0.01	1	100	100	7.40	1.88	0.000	0.009	0.009	0.010	0	06/06/2023	11:36
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.024	-4	06/06/2023	11:37
4	CAL4	0.05	1	100	100	7.36	1.85	0.000	0.039	0.039	0.049	-2	06/06/2023	11:38
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.078	0.078	0.100	0	06/06/2023	11:39
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.500	0	06/06/2023	11:40
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.765	0.765	0.999	-0.1	06/06/2023	11:41



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Run Number: LB125809

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	7.42	1.88	0.000	0.383	0.383	0.500	06/06/2023	11:42
2	ICB		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	06/06/2023	11:43
3	CCV1	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.502	06/06/2023	11:44
4	CCB1		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	06/06/2023	11:45
5	RL Check	0.01	1	100	100	7.40	1.92	0.000	0.009	0.009	0.010	06/06/2023	11:46
6	PB153173BL		1	2.50	100	7.30	1.78	0.000	0.001	0.001	0.000	06/06/2023	11:47
7	PB153173BS	20	1	2.50	100	7.38	1.88	0.000	0.384	0.384	0.501	06/06/2023	11:48
8	O3004-01		1	2.52	100	7.52	2.08	0.011	0.013	0.002	0.001	06/06/2023	11:49
9	O3004-01DU		1	2.52	100	7.52	2.10	0.012	0.013	0.001	0.000	06/06/2023	11:50
10	O3004-01MS	40	2	2.53	100	7.52	2.08	0.008	0.359	0.351	0.458	06/06/2023	11:51
11	O3004-01MS	1284	40	2.53	100	7.54	2.06	0.011	0.499	0.488	0.637	06/06/2023	11:52
12	O3004-01MS	40	2	2.54	100	7.52	2.08	0.011	0.368	0.357	0.466	06/06/2023	11:53
13	O3006-01		1	2.54	100	7.56	2.06	0.009	0.011	0.002	0.001	06/06/2023	11:54
14	O3008-01		1	2.53	100	7.62	2.10	0.023	0.023	0.000	-0.001	06/06/2023	11:55
15	O3008-04		1	2.54	100	7.60	2.18	0.019	0.021	0.002	0.001	06/06/2023	11:56
16	CCV2	0.5	1	100	100	7.50	1.88	0.000	0.383	0.383	0.500	06/06/2023	11:57
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	06/06/2023	11:58
18	O3018-03		1	2.53	100	7.52	2.20	0.018	0.020	0.002	0.001	06/06/2023	11:59
19	O3018-05		1	2.56	100	7.62	2.22	0.018	0.020	0.002	0.001	06/06/2023	12:00
20	O3018-07		1	2.54	100	7.68	2.14	0.037	0.038	0.001	0.000	06/06/2023	12:01
21	O3018-09		1	2.52	100	7.65	2.16	0.016	0.018	0.002	0.001	06/06/2023	12:02
22	O3018-11		1	2.54	100	7.69	2.10	0.032	0.034	0.002	0.001	06/06/2023	12:03
23	O3018-13		1	2.55	100	7.60	2.06	0.011	0.013	0.002	0.001	06/06/2023	12:04
24	O3028-01		1	2.53	100	7.54	2.06	0.030	0.032	0.002	0.001	06/06/2023	12:05
25	O3029-01		1	2.52	100	7.52	2.10	0.017	0.019	0.002	0.001	06/06/2023	12:06
26	O3029-04		1	2.53	100	7.56	2.18	0.004	0.005	0.001	0.000	06/06/2023	12:07
27	O3029-07		1	2.53	100	7.55	2.10	0.005	0.007	0.002	0.001	06/06/2023	12:08
28	CCV3	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.502	06/06/2023	12:09
29	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	06/06/2023	12:10
30	O3029-10		1	2.52	100	7.52	2.10	0.009	0.010	0.001	0.000	06/06/2023	12:11
31	O3029-13		1	2.52	100	7.52	2.06	0.004	0.005	0.001	0.000	06/06/2023	12:12
32	O3032-01		1	2.55	100	7.62	2.10	0.005	0.006	0.001	0.000	06/06/2023	12:13
33	O3032-04		1	2.51	100	7.70	2.06	0.006	0.006	0.000	-0.001	06/06/2023	12:14
34	O3036-01		1	2.53	100	7.50	2.12	0.001	0.002	0.001	0.000	06/06/2023	12:15
35	O3038-01		1	2.23	100	7.60	2.06	0.005	0.006	0.001	0.000	06/06/2023	12:16
36	CCV4	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.500	06/06/2023	12:17
37	CCB4		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	06/06/2023	12:18