



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126068

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102925
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.001

Slope: 0.7673

Regression: 0.999993

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	7.31	1.78	0.000	0.000	0.000	-0.00		06/20/2023	11:30
2	CAL2	0.01	1	100	100	7.40	1.92	0.000	0.009	0.009	0.010	0	06/20/2023	11:31
3	CAL3	0.025	1	100	100	7.36	1.86	0.000	0.021	0.021	0.026	4	06/20/2023	11:32
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.039	0.039	0.049	-2	06/20/2023	11:33
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.079	0.079	0.101	1	06/20/2023	11:34
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.383	0.383	0.497	-0.6	06/20/2023	11:35
7	CAL7	1	1	100	100	7.38	1.87	0.000	0.769	0.769	1.000	0	06/20/2023	11:36



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Run Number: LB126068

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	7.43	1.90	0.000	0.385	0.385	0.500	06/20/2023	11:37
2	ICB		1	100	100	7.29	1.80	0.000	0.001	0.001	0.000	06/20/2023	11:38
3	CCV1	0.5	1	100	100	7.42	1.91	0.000	0.383	0.383	0.498	06/20/2023	11:39
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	06/20/2023	11:40
5	RL Check	0.01	1	100	100	7.40	1.93	0.000	0.009	0.009	0.010	06/20/2023	11:41
6	PB153580BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	06/20/2023	11:42
7	PB153580BS	20	1	2.50	100	7.38	1.89	0.000	0.385	0.385	0.500	06/20/2023	11:43
8	O3316-01		1	2.55	100	7.55	2.06	0.016	0.016	0.000	-0.001	06/20/2023	11:44
9	O3316-01DU		1	2.55	100	7.52	2.06	0.017	0.018	0.001	0.000	06/20/2023	11:45
10	O3316-01MS	40	2	2.54	100	7.56	2.10	0.004	0.296	0.292	0.379	06/20/2023	11:46
11	O3316-01MS	1284	40	2.55	100	7.52	2.08	0.000	0.546	0.546	0.710	06/20/2023	11:47
12	O3316-01MS	40	2	2.54	100	7.54	2.06	0.007	0.368	0.361	0.469	06/20/2023	11:48
13	O3320-01		1	2.56	100	7.62	2.10	0.012	0.016	0.004	0.004	06/20/2023	11:49
14	O3320-04		1	2.54	100	7.68	2.18	0.005	0.011	0.006	0.007	06/20/2023	11:50
15	O3320-07		1	2.52	100	7.70	2.20	0.012	0.017	0.005	0.005	06/20/2023	11:51
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.499	06/20/2023	11:52
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	06/20/2023	11:53
18	O3320-10		1	2.55	100	7.66	2.06	0.006	0.012	0.006	0.007	06/20/2023	11:54
19	O3320-13		1	2.53	100	7.52	2.08	0.014	0.016	0.002	0.001	06/20/2023	11:55
20	O3320-16		1	2.51	100	7.58	2.10	0.011	0.014	0.003	0.003	06/20/2023	11:56
21	O3320-19		1	2.53	100	7.62	2.16	0.017	0.023	0.006	0.007	06/20/2023	11:57
22	O3321-01		1	2.53	100	7.56	2.14	0.010	0.012	0.002	0.001	06/20/2023	11:58
23	O3321-04		1	2.54	100	7.52	2.10	0.024	0.026	0.002	0.001	06/20/2023	11:59
24	O3321-07		1	2.51	100	7.58	2.10	0.005	0.013	0.008	0.009	06/20/2023	12:00
25	O3321-10		1	2.53	100	7.56	2.22	0.018	0.020	0.002	0.001	06/20/2023	12:01
26	O3321-13		1	2.55	100	7.60	2.12	0.007	0.009	0.002	0.001	06/20/2023	12:02
27	O3321-16		1	2.51	100	7.62	2.14	0.013	0.026	0.013	0.016	06/20/2023	12:03
28	CCV3	0.5	1	100	100	7.43	1.91	0.000	0.385	0.385	0.500	06/20/2023	12:04
29	CCB3		1	100	100	7.31	1.80	0.000	0.001	0.001	0.000	06/20/2023	12:05
30	O3327-01		1	2.53	100	7.64	2.06	0.014	0.016	0.002	0.001	06/20/2023	12:06
31	O3327-07		1	2.54	100	7.62	2.10	0.002	0.005	0.003	0.003	06/20/2023	12:07
32	O3327-13		1	2.52	100	7.68	2.18	0.011	0.013	0.002	0.001	06/20/2023	12:08
33	O3327-19		1	2.54	100	7.64	2.20	0.015	0.019	0.004	0.004	06/20/2023	12:09
34	CCV4	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.499	06/20/2023	12:10
35	CCB4		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	06/20/2023	12:11