



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126639

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103474
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0009

Slope: 0.767

Regression: 0.999996

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	1.79	0.000	0.000	0.000	-0.00		07/28/2023	11:40
2	CAL2	0.01	1	100	100	7.41	1.88	0.000	0.008	0.008	0.009	-10	07/28/2023	11:41
3	CAL3	0.025	1	100	100	7.39	1.87	0.000	0.020	0.020	0.024	-4	07/28/2023	11:42
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	07/28/2023	11:43
5	CAL5	0.1	1	100	100	7.38	1.90	0.000	0.079	0.079	0.101	1	07/28/2023	11:44
6	CAL6	0.5	1	100	100	7.42	1.93	0.000	0.384	0.384	0.499	-0.2	07/28/2023	11:45
7	CAL7	1	1	100	100	7.37	1.87	0.000	0.768	0.768	1.000	0	07/28/2023	11:46



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Run Number: LB126639

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	1.92	0.000	0.385	0.385	0.501	07/28/2023	11:47
2	ICB		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	07/28/2023	11:48
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.498	07/28/2023	11:49
4	CCB1		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	07/28/2023	11:50
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	07/28/2023	11:51
6	PB154437BL		1	2.50	100	7.29	1.80	0.000	0.001	0.001	0.000	07/28/2023	11:52
7	PB154437BS	20	1	2.50	100	7.42	1.92	0.000	0.384	0.384	0.499	07/28/2023	11:53
8	O3753-01		1	2.52	100	7.52	2.08	0.006	0.007	0.001	0.000	07/28/2023	11:54
9	O3756-01		1	2.51	100	7.50	2.10	0.005	0.006	0.001	0.000	07/28/2023	11:55
10	O3756-04		1	2.54	100	7.58	2.06	0.004	0.005	0.001	0.000	07/28/2023	11:56
11	O3756-07		1	2.53	100	7.60	2.10	0.005	0.005	0.000	-0.001	07/28/2023	11:57
12	O3756-10		1	2.51	100	7.62	2.14	0.004	0.006	0.002	0.001	07/28/2023	11:58
13	O3756-13		1	2.52	100	7.66	2.18	0.007	0.008	0.001	0.000	07/28/2023	11:59
14	O3756-16		1	2.54	100	7.56	2.10	0.005	0.006	0.001	0.000	07/28/2023	12:00
15	O3756-20		1	2.52	100	7.54	2.20	0.006	0.006	0.000	-0.001	07/28/2023	12:01
16	CCV2	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.501	07/28/2023	12:02
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	07/28/2023	12:03
18	O3756-24		1	2.54	100	7.52	2.18	0.008	0.010	0.002	0.001	07/28/2023	12:04
19	O3768-01		1	2.51	100	7.58	2.08	0.012	0.014	0.002	0.001	07/28/2023	12:05
20	O3770-01		1	2.51	100	7.62	2.14	0.037	0.038	0.001	0.000	07/28/2023	12:06
21	O3770-04		1	2.52	100	7.68	2.16	0.036	0.037	0.001	0.000	07/28/2023	12:07
22	O3770-07		1	2.53	100	7.62	2.20	0.006	0.008	0.002	0.001	07/28/2023	12:08
23	O3770-10		1	2.53	100	7.64	2.22	0.005	0.007	0.002	0.001	07/28/2023	12:09
24	O3791-01		1	2.54	100	7.62	2.16	0.037	0.038	0.001	0.000	07/28/2023	12:10
25	O3791-01DU		1	2.53	100	7.60	2.14	0.036	0.037	0.001	0.000	07/28/2023	12:11
26	O3791-01MS	40	2	2.54	100	7.62	2.14	0.036	0.233	0.197	0.256	07/28/2023	12:12
27	O3791-01MS	1284	40	2.53	100	7.64	2.16	0.000	0.495	0.495	0.644	07/28/2023	12:13
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.498	07/28/2023	12:14
29	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	07/28/2023	12:15
30	O3791-01MS	40	2	2.54	100	7.64	2.18	0.038	0.353	0.315	0.410	07/28/2023	12:16
31	O3797-01		1	2.54	100	7.52	2.24	0.036	0.037	0.001	0.000	07/28/2023	12:17
32	O3797-04		1	2.52	100	7.56	2.22	0.020	0.020	0.000	-0.001	07/28/2023	12:18
33	O3813-01		1	2.54	100	7.62	2.08	0.034	0.036	0.002	0.001	07/28/2023	12:19
34	O3813-04		1	2.53	100	7.60	2.10	0.006	0.008	0.002	0.001	07/28/2023	12:20
35	O3813-07		1	2.51	100	7.66	2.18	0.008	0.008	0.000	-0.001	07/28/2023	12:21
36	CCV4	0.5	1	100	100	7.43	1.92	0.000	0.384	0.384	0.499	07/28/2023	12:22
37	CCB4		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	07/28/2023	12:23