



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126777

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103660
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0012

Slope: 0.7647

Regression: 0.999995

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		08/08/2023	11:50
2	CAL2	0.01	1	100	100	7.37	1.91	0.000	0.008	0.008	0.008	-20	08/08/2023	11:51
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.025	0	08/08/2023	11:52
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	08/08/2023	11:53
5	CAL5	0.1	1	100	100	7.37	1.87	0.000	0.079	0.079	0.101	1	08/08/2023	11:54
6	CAL6	0.5	1	100	100	7.40	1.94	0.000	0.383	0.383	0.499	-0.2	08/08/2023	11:55
7	CAL7	1	1	100	100	7.37	1.87	0.000	0.766	0.766	1.000	0	08/08/2023	11:56



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Run Number: LB126777

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	7.41	1.91	0.000	0.385	0.385	0.502	08/08/2023	11:57
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	08/08/2023	11:58
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	08/08/2023	11:59
4	CCB1		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/08/2023	12:00
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	08/08/2023	12:01
6	PB154604BL		1	2.50	100	7.29	1.79	0.000	0.001	0.001	0.000	08/08/2023	12:02
7	PB154604BS	20	1	2.50	100	7.41	1.90	0.000	0.384	0.384	0.501	08/08/2023	12:03
8	O3877-01		1	2.54	100	7.62	2.08	0.002	0.004	0.002	0.001	08/08/2023	12:04
9	O3877-04		1	2.52	100	7.52	2.04	0.004	0.005	0.001	0.000	08/08/2023	12:05
10	O3877-07		1	2.53	100	7.60	2.06	0.004	0.006	0.002	0.001	08/08/2023	12:06
11	O3887-01		1	2.54	100	7.58	2.08	0.002	0.004	0.002	0.001	08/08/2023	12:07
12	O3887-04		1	2.51	100	7.56	2.10	0.002	0.004	0.002	0.001	08/08/2023	12:08
13	O3887-07		1	2.52	100	7.58	2.06	0.006	0.008	0.002	0.001	08/08/2023	12:09
14	O3887-10		1	2.53	100	7.60	2.12	0.005	0.007	0.002	0.001	08/08/2023	12:10
15	O3887-13		1	2.52	100	7.54	2.16	0.006	0.006	0.000	-0.002	08/08/2023	12:11
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	08/08/2023	12:12
17	CCB2		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/08/2023	12:13
18	O3891-01		1	2.51	100	7.52	2.04	0.004	0.005	0.001	0.000	08/08/2023	12:14
19	O3891-03		1	2.52	100	7.54	2.08	0.007	0.007	0.000	-0.002	08/08/2023	12:15
20	O3891-05		1	2.53	100	7.52	2.08	0.004	0.005	0.001	0.000	08/08/2023	12:16
21	O3895-01		1	2.53	100	7.62	2.04	0.007	0.008	0.001	0.000	08/08/2023	12:17
22	O3898-01		1	2.53	100	7.64	2.10	0.014	0.016	0.002	0.001	08/08/2023	12:18
23	O3908-01		1	2.52	100	7.56	2.10	0.010	0.015	0.005	0.005	08/08/2023	12:19
24	O3913-01		1	2.54	100	7.52	2.06	0.011	0.016	0.005	0.005	08/08/2023	12:20
25	O3919-01		1	2.54	100	7.52	2.04	0.002	0.004	0.002	0.001	08/08/2023	12:21
26	O3919-01DU		1	2.53	100	7.54	2.06	0.003	0.004	0.001	0.000	08/08/2023	12:22
27	O3919-01MS	40	2	2.53	100	7.54	2.04	0.002	0.378	0.376	0.490	08/08/2023	12:23
28	CCV3	0.5	1	100	100	7.52	1.94	0.000	0.385	0.385	0.502	08/08/2023	12:24
29	CCB3		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	08/08/2023	12:25
30	O3919-01MS	1284	40	2.52	100	7.52	2.06	0.000	0.499	0.499	0.651	08/08/2023	12:26
31	O3919-01MS	40	2	2.53	100	7.54	2.06	0.003	0.395	0.392	0.511	08/08/2023	12:27
32	O3919-04		1	2.52	100	7.62	2.10	0.001	0.002	0.001	0.000	08/08/2023	12:28
33	CCV4	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.502	08/08/2023	12:29
34	CCB4		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/08/2023	12:30