



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128365

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP105333
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0013

Slope: 0.7689

Regression: 0.999994

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	7.26	1.77	0.000	0.000	0.000	-0.00		11/17/2023	14:30
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.009	0.009	0.010	0	11/17/2023	14:31
3	CAL3	0.025	1	100	100	7.37	1.85	0.000	0.021	0.021	0.025	0	11/17/2023	14:32
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.039	0.039	0.049	-2	11/17/2023	14:33
5	CAL5	0.1	1	100	100	7.37	1.85	0.000	0.080	0.080	0.102	2	11/17/2023	14:34
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.386	0.386	0.500	0	11/17/2023	14:35
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.770	0.770	0.999	-0.1	11/17/2023	14:36



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Run Number: LB128365

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	1.93	0.000	0.384	0.384	0.498	11/17/2023	14:37
2	ICB		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	11/17/2023	14:38
3	CCV1	0.5	1	100	100	7.42	1.95	0.000	0.385	0.385	0.499	11/17/2023	14:39
4	CCB1		1	100	100	7.25	1.78	0.000	0.001	0.001	0.000	11/17/2023	14:40
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	11/17/2023	14:41
6	PB157187BL		1	2.50	100	7.27	1.75	0.000	0.000	0.000	-0.002	11/17/2023	14:42
7	PB157187BS	20	1	2.50	100	7.40	1.92	0.000	0.383	0.383	0.496	11/17/2023	14:43
8	O5434-01		1	2.56	100	7.60	2.08	0.008	0.010	0.002	0.001	11/17/2023	14:44
9	O5434-03		1	2.54	100	7.62	2.10	0.019	0.020	0.001	0.000	11/17/2023	14:45
10	O5434-05		1	2.53	100	7.62	2.06	0.008	0.010	0.002	0.001	11/17/2023	14:46
11	O5434-07		1	2.54	100	7.56	2.08	0.011	0.011	0.000	-0.002	11/17/2023	14:47
12	O5434-09		1	2.53	100	7.52	2.16	0.008	0.010	0.002	0.001	11/17/2023	14:48
13	O5434-11		1	2.55	100	7.62	2.12	0.003	0.005	0.002	0.001	11/17/2023	14:49
14	O5434-13		1	2.54	100	7.60	2.18	0.008	0.009	0.001	0.000	11/17/2023	14:50
15	O5434-15		1	2.54	100	7.58	2.10	0.006	0.007	0.001	0.000	11/17/2023	14:51
16	CCV2	0.5	1	100	100	7.42	1.94	0.000	0.385	0.385	0.499	11/17/2023	14:52
17	CCB2		1	100	100	7.28	1.77	0.000	0.001	0.001	0.000	11/17/2023	14:53
18	O5445-01		1	2.56	100	7.52	2.08	0.036	0.038	0.002	0.001	11/17/2023	14:54
19	O5445-04		1	2.53	100	7.58	2.14	0.038	0.038	0.000	-0.002	11/17/2023	14:55
20	O5445-07		1	2.53	100	7.52	2.08	0.030	0.031	0.001	0.000	11/17/2023	14:56
21	O5447-01		1	2.55	100	7.60	2.08	0.005	0.005	0.000	-0.002	11/17/2023	14:57
22	O5447-01DU		1	2.55	100	7.58	2.06	0.004	0.005	0.001	0.000	11/17/2023	14:58
23	O5447-01MS	40	2	2.54	100	7.58	2.06	0.003	0.328	0.325	0.421	11/17/2023	14:59
24	O5447-01MS	1284	40	2.54	100	7.56	2.08	0.000	0.568	0.568	0.737	11/17/2023	15:00
25	O5447-01MS	40	2	2.55	100	7.58	2.08	0.002	0.384	0.382	0.495	11/17/2023	15:01
26	O5447-04		1	2.55	100	7.62	2.10	0.006	0.007	0.001	0.000	11/17/2023	15:02
27	O5463-01		1	2.51	100	7.52	2.14	0.008	0.009	0.001	0.000	11/17/2023	15:03
28	CCV3	0.5	1	100	100	7.43	1.94	0.000	0.386	0.386	0.500	11/17/2023	15:04
29	CCB3		1	100	100	7.25	1.78	0.000	0.000	0.000	-0.002	11/17/2023	15:05
30	O5464-01		1	2.54	100	7.62	2.08	0.008	0.008	0.000	-0.002	11/17/2023	15:06
31	O5466-01		1	2.56	100	7.52	2.10	0.012	0.012	0.000	-0.002	11/17/2023	15:07
32	O5466-04		1	2.52	100	7.52	2.12	0.006	0.010	0.004	0.004	11/17/2023	15:08
33	O5468-01		1	2.55	100	7.56	2.18	0.020	0.020	0.000	-0.002	11/17/2023	15:09
34	O5468-05		1	2.53	100	7.54	2.08	0.020	0.020	0.000	-0.002	11/17/2023	15:10
35	O5468-09		1	2.55	100	7.62	2.08	0.002	0.002	0.000	-0.002	11/17/2023	15:11
36	CCV4	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.498	11/17/2023	15:12
37	CCB4		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	11/17/2023	15:13