



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123711

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100574
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

Intercept: 0.0009

Slope: 0.7677

Regression: 0.999997

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	7.34	2.08	0.000	0.000	0.000	-0.00		01/17/2023	11:50
2	CAL2	0.01	1	100	100	7.28	1.96	0.000	0.009	0.009	0.010	0	01/17/2023	11:51
3	CAL3	0.025	1	100	100	7.18	1.88	0.000	0.021	0.021	0.026	-4	01/17/2023	11:52
4	CAL4	0.05	1	100	100	7.52	2.20	0.000	0.039	0.039	0.049	2	01/17/2023	11:53
5	CAL5	0.1	1	100	100	7.14	2.28	0.000	0.078	0.078	0.100	0	01/17/2023	11:54
6	CAL6	0.5	1	100	100	7.36	2.30	0.000	0.384	0.384	0.499	0.2	01/17/2023	11:55
7	CAL7	1	1	100	100	7.81	2.14	0.000	0.769	0.769	1.000	0	01/17/2023	11:56

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Run Number: LB123711

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	7.60	1.96	0.000	0.383	0.383	0.498	01/17/2023	11:57
2	ICB		1	100	100	7.68	2.08	0.000	0.002	0.002	0.001	01/17/2023	11:58
3	CCV1	0.5	1	100	100	7.62	1.85	0.000	0.385	0.385	0.500	01/17/2023	11:59
4	CCB1		1	100	100	7.78	1.96	0.000	0.001	0.001	0.000	01/17/2023	12:00
5	RL Check	0.01	1	100	100	7.34	1.85	0.000	0.009	0.009	0.011	01/17/2023	12:01
6	PB150290BL		1	2.50	100	7.52	2.20	0.000	0.001	0.001	0.000	01/17/2023	12:02
7	PB150290BS	20	1	2.50	100	7.18	2.18	0.000	0.383	0.383	0.498	01/17/2023	12:03
8	O1129-01		1	2.52	100	7.20	2.28	0.000	0.002	0.002	0.001	01/17/2023	12:04
9	O1129-01DU		1	2.51	100	7.22	1.96	0.001	0.001	0.000	-0.001	01/17/2023	12:05
10	O1129-01MS	40	2	2.55	100	7.30	2.08	0.001	0.330	0.329	0.427	01/17/2023	12:06
11	O1129-01MS	1284	40	2.54	100	7.34	1.85	0.001	0.610	0.609	0.792	01/17/2023	12:07
12	O1129-01MS	40	2	2.54	100	7.52	2.22	0.001	0.392	0.391	0.508	01/17/2023	12:08
13	O1132-01		1	2.53	100	7.54	2.30	0.004	0.006	0.002	0.001	01/17/2023	12:09
14	O1133-01		1	2.56	100	7.82	2.32	0.028	0.030	0.002	0.001	01/17/2023	12:10
15	O1133-03		1	2.51	100	7.72	1.96	0.020	0.022	0.002	0.001	01/17/2023	12:11
16	CCV2	0.5	1	100	100	7.82	2.08	0.000	0.384	0.384	0.499	01/17/2023	12:12
17	CCB2		1	100	100	7.28	1.85	0.000	0.002	0.002	0.001	01/17/2023	12:13
18	O1135-01		1	2.58	100	7.28	2.08	0.005	0.007	0.002	0.001	01/17/2023	12:14
19	O1135-04		1	2.54	100	7.34	1.96	0.009	0.011	0.002	0.001	01/17/2023	12:15
20	O1140-01		1	2.53	100	7.52	1.88	0.038	0.040	0.002	0.001	01/17/2023	12:16
21	O1140-04		1	2.55	100	7.18	2.08	0.037	0.039	0.002	0.001	01/17/2023	12:17
22	O1157-01		1	2.52	100	7.60	2.06	0.004	0.004	0.000	-0.001	01/17/2023	12:18
23	O1159-01		1	2.53	100	7.84	2.34	0.008	0.009	0.001	0.000	01/17/2023	12:19
24	O1159-04		1	2.57	100	7.52	2.20	0.006	0.007	0.001	0.000	01/17/2023	12:20
25	O1160-01		1	2.51	100	7.18	2.08	0.038	0.040	0.002	0.001	01/17/2023	12:21
26	O1167-01		1	2.52	100	7.20	1.96	0.006	0.006	0.000	-0.001	01/17/2023	12:22
27	O1170-01		1	2.54	100	7.84	1.96	0.002	0.004	0.002	0.001	01/17/2023	12:23
28	CCV3	0.5	1	100	100	7.34	1.88	0.000	0.384	0.384	0.499	01/17/2023	12:24
29	CCB3		1	100	100	7.52	1.85	0.000	0.001	0.001	0.000	01/17/2023	12:25
30	O1172-01		1	2.56	100	7.14	1.96	0.012	0.014	0.002	0.001	01/17/2023	12:26
31	CCV4	0.5	1	100	100	7.52	2.10	0.000	0.386	0.386	0.502	01/17/2023	12:27
32	CCB4		1	100	100	7.28	2.18	0.000	0.002	0.002	0.001	01/17/2023	12:28