



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124402

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP101305
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7647

Regression: 0.999998

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	1.96	0.000	0.000	0.000	-0.00		03/08/2023	11:50
2	CAL2	0.01	1	100	100	7.28	2.08	0.000	0.008	0.008	0.009	-10	03/08/2023	11:51
3	CAL3	0.025	1	100	100	7.62	1.85	0.000	0.020	0.020	0.025	0	03/08/2023	11:52
4	CAL4	0.05	1	100	100	7.36	1.96	0.000	0.039	0.039	0.049	-2	03/08/2023	11:53
5	CAL5	0.1	1	100	100	7.36	1.90	0.000	0.078	0.078	0.100	0	03/08/2023	11:54
6	CAL6	0.5	1	100	100	7.52	2.10	0.000	0.384	0.384	0.501	0.2	03/08/2023	11:55
7	CAL7	1	1	100	100	7.68	2.08	0.000	0.765	0.765	0.999	-0.1	03/08/2023	11:56



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Run Number: LB124402

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	7.34	2.08	0.000	0.383	0.383	0.500	03/08/2023	11:57
2	ICB		1	100	100	7.28	2.06	0.000	0.001	0.001	0.000	03/08/2023	11:58
3	CCV1	0.5	1	100	100	7.36	2.14	0.000	0.385	0.385	0.502	03/08/2023	11:59
4	CCB1		1	100	100	7.28	1.90	0.000	0.001	0.001	0.000	03/08/2023	12:00
5	RL Check	0.01	1	100	100	7.36	2.08	0.000	0.009	0.009	0.011	03/08/2023	12:01
6	PB151217BL		1	2.50	100	7.52	1.88	0.000	0.001	0.001	0.000	03/08/2023	12:02
7	PB151217BS	20	1	2.50	100	7.58	2.14	0.000	0.385	0.385	0.502	03/08/2023	12:03
8	O1787-01		1	2.56	100	7.34	2.08	0.026	0.028	0.002	0.002	03/08/2023	12:04
9	O1787-02		1	2.54	100	7.36	2.04	0.036	0.038	0.002	0.002	03/08/2023	12:05
10	O1787-03		1	2.53	100	7.52	2.06	0.010	0.012	0.002	0.002	03/08/2023	12:06
11	O1815-01		1	2.54	100	7.62	2.14	0.008	0.010	0.002	0.002	03/08/2023	12:07
12	O1817-01		1	2.51	100	7.64	1.96	0.030	0.032	0.002	0.002	03/08/2023	12:08
13	O1820-01		1	2.54	100	7.74	2.08	0.012	0.014	0.002	0.002	03/08/2023	12:09
14	O1820-03		1	2.57	100	7.34	2.08	0.036	0.036	0.000	-0.001	03/08/2023	12:10
15	O1821-01		1	2.52	100	7.36	1.98	0.019	0.021	0.002	0.002	03/08/2023	12:11
16	CCV2	0.5	1	100	100	7.52	1.96	0.000	0.384	0.384	0.501	03/08/2023	12:12
17	CCB2		1	100	100	7.20	1.85	0.000	0.001	0.001	0.000	03/08/2023	12:13
18	O1825-01		1	2.54	100	7.68	2.04	0.016	0.018	0.002	0.002	03/08/2023	12:14
19	O1825-03		1	2.55	100	7.62	2.20	0.016	0.017	0.001	0.000	03/08/2023	12:15
20	O1825-05		1	2.56	100	7.52	2.18	0.018	0.020	0.002	0.002	03/08/2023	12:16
21	O1825-07		1	2.53	100	7.54	2.08	0.010	0.020	0.010	0.012	03/08/2023	12:17
22	O1827-01		1	2.55	100	7.28	2.16	0.014	0.016	0.002	0.002	03/08/2023	12:18
23	O1833-01		1	2.53	100	7.34	2.20	0.017	0.019	0.002	0.002	03/08/2023	12:19
24	O1833-01DU		1	2.56	100	7.36	2.22	0.018	0.020	0.002	0.002	03/08/2023	12:20
25	O1833-01MS	40	2	2.54	100	7.52	2.08	0.011	0.347	0.336	0.438	03/08/2023	12:21
26	O1833-01MS	1284	40	2.55	100	7.36	2.10	0.006	0.612	0.606	0.791	03/08/2023	12:22
27	O1833-01MS	40	2	2.51	100	7.60	2.08	0.025	0.421	0.396	0.517	03/08/2023	12:23
28	CCV3	0.5	1	100	100	7.52	1.96	0.000	0.385	0.385	0.502	03/08/2023	12:24
29	CCB3		1	100	100	7.32	1.88	0.000	0.001	0.001	0.000	03/08/2023	12:25
30	O1833-04		1	2.52	100	7.72	2.08	0.020	0.022	0.002	0.002	03/08/2023	12:26
31	O1833-07		1	2.57	100	7.70	1.96	0.037	0.038	0.001	0.000	03/08/2023	12:27
32	O1834-01		1	2.52	100	7.52	1.85	0.037	0.039	0.002	0.002	03/08/2023	12:28
33	O1834-02		1	2.57	100	7.66	1.96	0.037	0.038	0.001	0.000	03/08/2023	12:29
34	O1834-03		1	2.54	100	7.54	2.06	0.019	0.020	0.001	0.000	03/08/2023	12:30
35	O1834-04		1	25.6	100	7.34	1.98	0.037	0.038	0.001	0.000	03/08/2023	12:31
36	CCV4	0.5	1	100	100	7.34	2.06	0.000	0.383	0.383	0.500	03/08/2023	12:32
37	CCB4		1	100	100	7.26	1.85	0.000	0.001	0.001	0.000	03/08/2023	12:33