



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124360

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: 0.7635

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	7.28	2.08	0.000	0.000	0.000	-0.00		03/03/2023	11:50
2	CAL2	0.01	1	100	100	7.52	1.88	0.000	0.008	0.008	0.009	-10	03/03/2023	11:51
3	CAL3	0.025	1	100	100	7.36	1.96	0.000	0.020	0.020	0.025	0	03/03/2023	11:52
4	CAL4	0.05	1	100	100	7.34	1.90	0.000	0.039	0.039	0.050	0	03/03/2023	11:53
5	CAL5	0.1	1	100	100	7.58	1.88	0.000	0.078	0.078	0.101	1	03/03/2023	11:54
6	CAL6	0.5	1	100	100	7.70	1.85	0.000	0.383	0.383	0.500	0	03/03/2023	11:55
7	CAL7	1	1	100	100	7.34	2.06	0.000	0.764	0.764	0.999	-0.1	03/03/2023	11:56



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Run Number: LB124360

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	7.62	1.90	0.000	0.384	0.384	0.502	03/03/2023	11:57
2	ICB		1	100	100	7.58	1.88	0.000	0.001	0.001	0.000	03/03/2023	11:58
3	CCV1	0.5	1	100	100	7.72	1.94	0.000	0.385	0.385	0.503	03/03/2023	11:59
4	CCB1		1	100	100	7.52	1.80	0.000	0.001	0.001	0.000	03/03/2023	12:00
5	RL Check	0.01	1	100	100	7.34	2.06	0.000	0.009	0.009	0.011	03/03/2023	12:01
6	PB151122BL		1	2.50	100	7.52	1.82	0.000	0.001	0.001	0.000	03/03/2023	12:02
7	PB151122BS	20	1	2.50	100	7.62	2.04	0.000	0.383	0.383	0.501	03/03/2023	12:03
8	O1736-01		1	2.56	100	7.34	2.08	0.007	0.009	0.002	0.002	03/03/2023	12:04
9	O1736-02		1	2.52	100	7.36	2.14	0.007	0.009	0.002	0.002	03/03/2023	12:05
10	O1739-01		1	2.56	100	7.52	2.06	0.017	0.017	0.000	-0.001	03/03/2023	12:06
11	O1739-08		1	2.53	100	7.42	2.10	0.022	0.024	0.002	0.002	03/03/2023	12:07
12	O1739-15		1	2.55	100	7.64	1.96	0.037	0.038	0.001	0.000	03/03/2023	12:08
13	O1740-01		1	2.58	100	7.54	1.88	0.012	0.012	0.000	-0.001	03/03/2023	12:09
14	O1770-01		1	2.54	100	7.28	1.98	0.030	0.032	0.002	0.002	03/03/2023	12:10
15	O1770-01DU		1	2.52	100	7.28	1.98	0.031	0.031	0.000	-0.001	03/03/2023	12:11
16	CCV2	0.5	1	100	100	7.56	2.12	0.000	0.383	0.383	0.501	03/03/2023	12:12
17	CCB2		1	100	100	7.36	1.86	0.000	0.001	0.001	0.000	03/03/2023	12:13
18	O1770-01MS	40	2	2.54	100	7.52	2.08	0.029	0.362	0.333	0.435	03/03/2023	12:14
19	O1770-01MS	1284	40	2.55	100	7.66	2.14	0.022	0.614	0.592	0.774	03/03/2023	12:15
20	O1770-01MS	40	2	2.53	100	7.60	2.18	0.030	0.370	0.340	0.444	03/03/2023	12:16
21	O1776-01		1	2.52	100	7.68	2.20	0.007	0.009	0.002	0.002	03/03/2023	12:17
22	CCV3	0.5	1	100	100	7.54	2.02	0.000	0.385	0.385	0.503	03/03/2023	12:18
23	CCB3		1	100	100	7.36	1.85	0.000	0.001	0.001	0.000	03/03/2023	12:19