



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124641

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP101579
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	7.34	1.96	0.000	0.000	0.000	-0.00		03/23/2023	13:00
2	CAL2	0.01	1	100	100	7.34	2.10	0.000	0.008	0.008	0.009	-10	03/23/2023	13:01
3	CAL3	0.025	1	100	100	7.36	2.18	0.000	0.020	0.020	0.025	0	03/23/2023	13:02
4	CAL4	0.05	1	100	100	7.32	2.02	0.000	0.039	0.039	0.050	0	03/23/2023	13:03
5	CAL5	0.1	1	100	100	7.28	1.96	0.000	0.078	0.078	0.101	1	03/23/2023	13:04
6	CAL6	0.5	1	100	100	7.22	2.00	0.000	0.383	0.383	0.500	0	03/23/2023	13:05
7	CAL7	1	1	100	100	7.30	1.98	0.000	0.764	0.764	0.999	-0.1	03/23/2023	13:06



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Run Number: LB124641

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	7.36	2.08	0.000	0.384	0.384	0.502	03/23/2023	13:07
2	ICB		1	100	100	7.20	1.88	0.000	0.001	0.001	0.000	03/23/2023	13:08
3	CCV1	0.5	1	100	100	7.38	2.06	0.000	0.383	0.383	0.501	03/23/2023	13:09
4	CCB1		1	100	100	7.22	1.90	0.000	0.001	0.001	0.000	03/23/2023	13:10
5	RL Check	0.01	1	100	100	7.40	2.04	0.000	0.009	0.009	0.011	03/23/2023	13:11
6	PB151561BL		1	2.50	100	7.24	1.84	0.000	0.001	0.001	0.000	03/23/2023	13:12
7	PB151561BS	20	1	2.50	100	7.36	2.08	0.000	0.384	0.384	0.502	03/23/2023	13:13
8	O2012-01		1	2.56	100	7.62	2.06	0.013	0.014	0.001	0.000	03/23/2023	13:14
9	O2012-02		1	2.54	100	7.52	2.28	0.012	0.014	0.002	0.002	03/23/2023	13:15
10	O2016-01		1	2.53	100	7.34	2.30	0.011	0.012	0.001	0.000	03/23/2023	13:16
11	O2016-01DU		1	2.54	100	7.34	2.28	0.012	0.013	0.001	0.000	03/23/2023	13:17
12	O2016-01MS	40	2	2.57	100	7.58	2.24	0.017	0.382	0.365	0.477	03/23/2023	13:18
13	O2016-01MS	1284	40	2.52	100	7.60	2.18	0.006	0.612	0.606	0.793	03/23/2023	13:19
14	O2016-01MS	40	2	2.54	100	7.68	2.22	0.016	0.374	0.358	0.468	03/23/2023	13:20
15	O2018-01		1	2.55	100	7.78	2.10	0.037	0.038	0.001	0.000	03/23/2023	13:21
16	CCV2	0.5	1	100	100	7.32	2.20	0.000	0.384	0.384	0.502	03/23/2023	13:22
17	CCB2		1	100	100	7.20	1.86	0.000	0.001	0.001	0.000	03/23/2023	13:23
18	O2019-01		1	2.58	100	7.64	1.96	0.016	0.018	0.002	0.002	03/23/2023	13:24
19	O2028-01		1	2.56	100	7.52	1.88	0.006	0.014	0.008	0.009	03/23/2023	13:25
20	O2033-01		1	2.56	100	7.34	2.08	0.019	0.020	0.001	0.000	03/23/2023	13:26
21	O2045-06		1	2.55	100	7.42	2.12	0.015	0.017	0.002	0.002	03/23/2023	13:27
22	CCV3	0.5	1	100	100	7.40	2.24	0.000	0.385	0.385	0.503	03/23/2023	13:28
23	CCB3		1	100	100	7.26	1.92	0.000	0.001	0.001	0.000	03/23/2023	13:29