



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125332

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102264
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0014

Slope: 0.7653

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	7.34	1.80	0.000	0.000	0.000	-0.00		05/08/2023	11:50
2	CAL2	0.01	1	100	100	7.36	1.84	0.000	0.008	0.008	0.008	-20	05/08/2023	11:51
3	CAL3	0.025	1	100	100	7.34	1.88	0.000	0.021	0.021	0.025	0	05/08/2023	11:52
4	CAL4	0.05	1	100	100	7.35	1.86	0.000	0.040	0.040	0.050	0	05/08/2023	11:53
5	CAL5	0.1	1	100	100	7.34	1.85	0.000	0.079	0.079	0.101	1	05/08/2023	11:54
6	CAL6	0.5	1	100	100	7.36	1.88	0.000	0.385	0.385	0.501	0.2	05/08/2023	11:55
7	CAL7	1	1	100	100	7.34	1.88	0.000	0.766	0.766	0.999	-0.1	05/08/2023	11:56



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Run Number: LB125332

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	1.90	0.000	0.383	0.383	0.499	05/08/2023	11:57
2	ICB		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.001	05/08/2023	11:58
3	CCV1	0.5	1	100	100	7.37	1.88	0.000	0.384	0.384	0.500	05/08/2023	11:59
4	CCB1		1	100	100	7.28	1.76	0.000	0.001	0.001	-0.001	05/08/2023	12:00
5	RL Check	0.01	1	100	100	7.36	1.90	0.000	0.009	0.009	0.010	05/08/2023	12:01
6	PB152574BL		1	2.50	100	7.28	1.76	0.000	0.001	0.001	-0.001	05/08/2023	12:02
7	PB152574BS	20	1	2.50	100	7.30	1.88	0.000	0.383	0.383	0.499	05/08/2023	12:03
8	O2500-07		1	2.51	100	7.52	2.02	0.000	0.716	0.716	0.934	05/08/2023	12:04
9	O2598-01		1	2.53	100	7.57	2.08	0.010	0.025	0.015	0.018	05/08/2023	12:05
10	O2598-04		1	2.54	100	7.54	2.06	0.008	0.009	0.001	-0.001	05/08/2023	12:06
11	O2652-01		1	2.52	100	7.52	2.06	0.011	0.012	0.001	-0.001	05/08/2023	12:07
12	O2652-01DU		1	2.52	100	7.52	2.06	0.011	0.012	0.001	-0.001	05/08/2023	12:08
13	O2652-01MS	40	2	2.51	100	7.54	2.04	0.013	0.102	0.089	0.114	05/08/2023	12:09
14	O2652-01MS	1284	40	2.52	100	7.56	2.06	0.000	0.592	0.592	0.772	05/08/2023	12:10
15	O2652-01MS	40	2	2.52	100	7.57	2.08	0.015	0.176	0.161	0.209	05/08/2023	12:11
16	CCV2	0.5	1	100	100	7.34	1.88	0.000	0.385	0.385	0.501	05/08/2023	12:12
17	CCB2		1	100	100	7.25	1.80	0.000	0.001	0.001	-0.001	05/08/2023	12:13
18	O2665-01		1	2.54	100	7.52	2.08	0.013	0.014	0.001	-0.001	05/08/2023	12:14
19	O2665-08		1	2.54	100	7.54	2.10	0.034	0.035	0.001	-0.001	05/08/2023	12:15
20	CCV3	0.5	1	100	100	7.36	1.86	0.000	0.384	0.384	0.500	05/08/2023	12:16
21	CCB3		1	100	100	7.28	1.78	0.000	0.001	0.001	-0.001	05/08/2023	12:17