



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128228

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP105199
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0012

Slope: 0.7646

Regression: 0.999996

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	7.25	1.78	0.000	0.000	0.000	-0.00		11/08/2023	13:45
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.010	0	11/08/2023	13:46
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	11/08/2023	13:47
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.039	0.039	0.049	-2	11/08/2023	13:48
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.079	0.079	0.101	1	11/08/2023	13:49
6	CAL6	0.5	1	100	100	7.40	1.91	0.000	0.383	0.383	0.499	-0.2	11/08/2023	13:50
7	CAL7	1	1	100	100	7.37	1.87	0.000	0.766	0.766	1.000	0	11/08/2023	13:51

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Run Number: LB128228

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	7.42	1.91	0.000	0.385	0.385	0.502	11/08/2023	13:52
2	ICB		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	11/08/2023	13:53
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.499	11/08/2023	13:54
4	CCB1		1	100	100	7.26	1.75	0.000	0.001	0.001	0.000	11/08/2023	13:55
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	11/08/2023	13:56
6	PB156924BL		1	2.50	100	7.28	1.77	0.000	0.001	0.001	0.000	11/08/2023	13:57
7	PB156924BS	20	1	2.50	100	7.40	1.91	0.000	0.384	0.384	0.501	11/08/2023	13:58
8	O5047-06		1	2.50	100	7.40	2.00	0.044	2.552	2.508	3.279	11/08/2023	13:59
9	O5256-01		1	2.56	100	7.52	2.06	0.014	0.014	0.000	-0.002	11/08/2023	14:00
10	O5256-05		1	2.54	100	7.62	2.08	0.010	0.012	0.002	0.001	11/08/2023	14:01
11	O5256-09		1	2.55	100	7.58	2.08	0.020	0.021	0.001	0.000	11/08/2023	14:02
12	O5257-01		1	2.54	100	7.52	2.16	0.019	0.019	0.000	-0.002	11/08/2023	14:03
13	O5257-05		1	2.55	100	7.52	2.08	0.008	0.010	0.002	0.001	11/08/2023	14:04
14	O5257-09		1	2.54	100	7.54	2.18	0.025	0.025	0.000	-0.002	11/08/2023	14:05
15	O5279-01		1	2.52	100	7.58	2.08	0.004	0.005	0.001	0.000	11/08/2023	14:06
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.501	11/08/2023	14:07
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	11/08/2023	14:08
18	O5279-01DU		1	2.54	100	7.56	2.10	0.003	0.005	0.002	0.001	11/08/2023	14:09
19	O5279-01MS	40	2	2.54	100	7.58	2.08	0.000	0.149	0.149	0.193	11/08/2023	14:10
20	O5279-01MS	1284	40	2.53	100	7.56	2.12	0.000	0.527	0.527	0.688	11/08/2023	14:11
21	O5279-01MS	40	2	2.53	100	7.60	2.10	0.000	0.233	0.233	0.303	11/08/2023	14:12
22	O5279-05		1	2.54	100	7.52	2.08	0.026	0.026	0.000	-0.002	11/08/2023	14:13
23	O5295-01		1	2.55	100	7.62	2.18	0.010	0.010	0.000	-0.002	11/08/2023	14:14
24	O5047-06		10	2.50	100	7.40	2.00	0.003	0.227	0.224	0.291	11/08/2023	14:15
25	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.502	11/08/2023	14:16
26	CCB3		1	100	100	7.25	1.75	0.000	0.001	0.001	0.000	11/08/2023	14:17