



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126896

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103788
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0007

Slope: 0.7692

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	1.76	0.000	0.000	0.000	-0.00		08/17/2023	08:45
2	CAL2	0.01	1	100	100	7.40	1.91	0.000	0.008	0.008	0.009	-10	08/17/2023	08:46
3	CAL3	0.025	1	100	100	7.37	1.86	0.000	0.020	0.020	0.025	0	08/17/2023	08:47
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.051	2	08/17/2023	08:48
5	CAL5	0.1	1	100	100	7.38	1.87	0.000	0.078	0.078	0.100	0	08/17/2023	08:49
6	CAL6	0.5	1	100	100	7.42	1.91	0.000	0.385	0.385	0.499	-0.2	08/17/2023	08:50
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.770	0.770	1.000	0	08/17/2023	08:51



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Run Number: LB126896

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	0.383	0.383	0.497	08/17/2023	08:52
2	ICB		1	100	100	7.29	1.80	0.000	0.001	0.001	0.000	08/17/2023	08:53
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.500	08/17/2023	08:54
4	CCB1		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	08/17/2023	08:55
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.011	08/17/2023	08:56
6	PB154813BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	08/17/2023	08:57
7	PB154813BS	20	1	2.50	100	7.42	1.91	0.000	0.383	0.383	0.497	08/17/2023	08:58
8	O3981-01		1	2.56	100	7.56	2.10	0.008	0.009	0.001	0.000	08/17/2023	08:59
9	O4003-01		1	2.54	100	7.62	2.06	0.018	0.020	0.002	0.002	08/17/2023	09:00
10	O4006-01		1	2.53	100	7.68	2.10	0.004	0.006	0.002	0.002	08/17/2023	09:01
11	O4006-01DU		1	2.53	100	7.64	2.14	0.003	0.005	0.002	0.002	08/17/2023	09:02
12	O4006-01MS	40	2	2.55	100	7.62	2.12	0.002	0.319	0.317	0.411	08/17/2023	09:03
13	O4006-01MS	1284	40	2.52	100	7.64	2.10	0.000	0.509	0.509	0.661	08/17/2023	09:04
14	O4006-01MS	40	2	2.54	100	7.66	2.14	0.004	0.353	0.349	0.453	08/17/2023	09:05
15	O4009-01		1	2.54	100	7.62	2.08	0.004	0.006	0.002	0.002	08/17/2023	09:06
16	CCV2	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.500	08/17/2023	09:07
17	CCB2		1	100	100	7.29	1.79	0.000	0.001	0.001	0.000	08/17/2023	09:08
18	O4011-01		1	2.54	100	7.52	2.08	0.020	0.021	0.001	0.000	08/17/2023	09:09
19	O4017-01		1	2.52	100	7.58	2.06	0.007	0.007	0.000	-0.001	08/17/2023	09:10
20	O4017-03		1	2.55	100	7.62	2.18	0.008	0.010	0.002	0.002	08/17/2023	09:11
21	O4019-01		1	2.53	100	7.50	2.10	0.012	0.012	0.000	-0.001	08/17/2023	09:12
22	O4020-01		1	2.54	100	7.52	2.08	0.010	0.010	0.000	-0.001	08/17/2023	09:13
23	O4022-01		1	2.55	100	7.52	2.06	0.003	0.003	0.000	-0.001	08/17/2023	09:14
24	O4022-04		1	2.53	100	7.64	2.16	0.001	0.001	0.000	-0.001	08/17/2023	09:15
25	O4022-07		1	2.53	100	7.62	2.18	0.003	0.005	0.002	0.002	08/17/2023	09:16
26	O4042-01		1	2.55	100	7.60	2.10	0.003	0.004	0.001	0.000	08/17/2023	09:17
27	O4043-01		1	2.53	100	7.52	2.16	0.004	0.005	0.001	0.000	08/17/2023	09:18
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.497	08/17/2023	09:19
29	CCB3		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	08/17/2023	09:20