

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125595

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102535
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7647

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	7.30	1.80	0.000	0.000	0.000	-0.00		05/23/2023	12:30
2	CAL2	0.01	1	100	100	7.40	1.88	0.000	0.008	0.008	0.009	-10	05/23/2023	12:31
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.020	0.020	0.025	0	05/23/2023	12:32
4	CAL4	0.05	1	100	100	7.38	1.85	0.000	0.039	0.039	0.049	-2	05/23/2023	12:33
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.078	0.078	0.100	0	05/23/2023	12:34
6	CAL6	0.5	1	100	100	7.39	1.88	0.000	0.384	0.384	0.501	0.2	05/23/2023	12:35
7	CAL7	1	1	100	100	7.36	1.85	0.000	0.765	0.765	0.999	-0.1	05/23/2023	12:36



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Run Number: LB125595

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	1.90	0.000	0.383	0.383	0.500	05/23/2023	12:37
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	05/23/2023	12:38
3	CCV1	0.5	1	100	100	7.41	1.92	0.000	0.384	0.384	0.501	05/23/2023	12:39
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	05/23/2023	12:40
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.011	05/23/2023	12:41
6	PB152938BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	05/23/2023	12:42
7	PB152938BS	20	1	2.50	100	7.36	1.88	0.000	0.383	0.383	0.500	05/23/2023	12:43
8	O2864-01		1	2.52	100	7.62	2.10	0.013	0.021	0.008	0.009	05/23/2023	12:44
9	O2864-03		1	2.54	100	7.52	2.06	0.023	0.059	0.036	0.046	05/23/2023	12:45
10	O2864-05		1	2.53	100	7.58	2.18	0.029	0.049	0.020	0.025	05/23/2023	12:46
11	O2864-07		1	2.55	100	7.56	2.22	0.030	0.049	0.019	0.024	05/23/2023	12:47
12	O2873-01		1	2.54	100	7.64	2.10	0.005	0.006	0.001	0.000	05/23/2023	12:48
13	O2873-01DU		1	2.55	100	7.62	2.04	0.006	0.007	0.001	0.000	05/23/2023	12:49
14	O2873-01MS	40	2	2.54	100	7.60	2.08	0.008	0.377	0.369	0.481	05/23/2023	12:50
15	O2873-01MS	1284	40	2.53	100	7.62	2.06	0.000	0.572	0.572	0.747	05/23/2023	12:51
16	CCV2	0.5	1	100	100	7.40	1.92	0.000	0.384	0.384	0.501	05/23/2023	12:52
17	CCB2		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	05/23/2023	12:53
18	O2873-01MS	40	2	2.54	100	7.62	2.08	0.002	0.382	0.380	0.496	05/23/2023	12:54
19	O2886-01		1	2.56	100	7.68	2.10	0.011	0.011	0.000	-0.001	05/23/2023	12:55
20	O2891-01		1	2.53	100	7.52	2.20	0.007	0.016	0.009	0.011	05/23/2023	12:56
21	O2892-01		1	2.52	100	7.58	2.08	0.012	0.014	0.002	0.002	05/23/2023	12:57
22	O2892-04		1	2.53	100	7.62	2.18	0.005	0.006	0.001	0.000	05/23/2023	12:58
23	O2892-07		1	2.54	100	7.60	2.08	0.001	0.002	0.001	0.000	05/23/2023	12:59
24	O2892-10		1	2.51	100	7.64	2.14	0.022	0.024	0.002	0.002	05/23/2023	13:00
25	O2892-13		1	2.52	100	7.68	2.08	0.011	0.013	0.002	0.002	05/23/2023	13:01
26	O2894-01		1	2.55	100	7.56	2.28	0.009	0.009	0.000	-0.001	05/23/2023	13:02
27	O2894-04		1	2.51	100	7.60	2.08	0.019	0.020	0.001	0.000	05/23/2023	13:03
28	CCV3	0.5	1	100	100	7.40	1.90	0.000	0.384	0.384	0.501	05/23/2023	13:04
29	CCB3		1	100	100	7.30	1.88	0.000	0.001	0.001	0.000	05/23/2023	13:05