

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132101

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109272
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0008

Slope: 0.7683

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	1.79	0.000	0.000	0.000	-0.00		08/21/2024	08:45
2	CAL2	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	-10	08/21/2024	08:46
3	CAL3	0.025	1	100	100	7.42	1.92	0.000	0.020	0.020	0.024	-4	08/21/2024	08:47
4	CAL4	0.05	1	100	100	7.36	1.87	0.000	0.040	0.040	0.051	2	08/21/2024	08:48
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.078	0.078	0.100	0	08/21/2024	08:49
6	CAL6	0.5	1	100	100	7.40	1.90	0.000	0.385	0.385	0.500	0	08/21/2024	08:50
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.769	0.769	0.999	-0.1	08/21/2024	08:51



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Run Number: LB132101

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	7.44	1.94	0.000	0.384	0.384	0.499	08/21/2024	08:52
2	ICB		1	100	100	7.28	1.81	0.000	0.001	0.001	0.000	08/21/2024	08:53
3	CCV1	0.5	1	100	100	7.47	1.97	0.000	0.386	0.386	0.501	08/21/2024	08:54
4	CCB1		1	100	100	7.26	1.76	0.000	0.000	0.000	-0.001	08/21/2024	08:55
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.009	0.009	0.011	08/21/2024	08:56
6	PB162862BL		1	2.50	100	7.30	1.80	0.000	0.000	0.000	-0.001	08/21/2024	08:57
7	PB162862BS	20	1	2.50	100	7.44	1.94	0.000	0.386	0.386	0.501	08/21/2024	08:58
8	P3641-01		1	2.53	100	7.60	2.10	0.030	0.030	0.000	-0.001	08/21/2024	08:59
9	P3641-02		1	2.54	100	7.68	2.20	0.037	0.037	0.000	-0.001	08/21/2024	09:00
10	P3641-03		1	2.52	100	7.61	2.10	0.031	0.032	0.001	0.000	08/21/2024	09:01
11	P3641-04		1	2.51	100	7.64	2.17	0.036	0.036	0.000	-0.001	08/21/2024	09:02
12	P3641-05		1	2.54	100	7.70	2.14	0.032	0.033	0.001	0.000	08/21/2024	09:03
13	P3641-06		1	2.51	100	7.60	2.10	0.030	0.030	0.000	-0.001	08/21/2024	09:04
14	P3641-07		1	2.51	100	7.66	2.22	0.034	0.035	0.001	0.000	08/21/2024	09:05
15	P3641-08		1	2.52	100	7.58	2.08	0.029	0.030	0.001	0.000	08/21/2024	09:06
16	CCV2	0.5	1	100	100	7.43	1.94	0.000	0.383	0.383	0.497	08/21/2024	09:07
17	CCB2		1	100	100	7.31	1.79	0.000	0.000	0.000	-0.001	08/21/2024	09:08
18	P3641-09		1	2.54	100	7.58	2.08	0.036	0.037	0.001	0.000	08/21/2024	09:09
19	P3641-10		1	2.52	100	7.60	2.12	0.028	0.028	0.000	-0.001	08/21/2024	09:10
20	P3660-01		1	2.51	100	7.64	2.08	0.036	0.036	0.000	-0.001	08/21/2024	09:11
21	P3660-02		1	2.52	100	7.60	2.22	0.029	0.029	0.000	-0.001	08/21/2024	09:12
22	P3660-03		1	2.54	100	7.60	2.28	0.032	0.032	0.000	-0.001	08/21/2024	09:13
23	P3660-04		1	2.53	100	7.68	2.18	0.026	0.028	0.002	0.002	08/21/2024	09:14
24	P3660-05		1	2.55	100	7.72	2.14	0.020	0.020	0.000	-0.001	08/21/2024	09:15
25	P3660-05DU		1	2.54	100	7.68	2.18	0.020	0.020	0.000	-0.001	08/21/2024	09:16
26	P3660-05MS	40	2	2.54	100	7.66	2.10	0.007	0.210	0.203	0.263	08/21/2024	09:17
27	P3660-05MS	1284	40	2.55	100	7.60	2.08	0.000	0.535	0.535	0.695	08/21/2024	09:18
28	CCV3	0.5	1	100	100	7.42	1.96	0.000	0.385	0.385	0.500	08/21/2024	09:19
29	CCB3		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	08/21/2024	09:20
30	P3660-05MS	40	2	2.54	100	7.60	2.14	0.006	0.279	0.273	0.354	08/21/2024	09:21
31	P3660-08		1	2.51	100	7.60	2.20	0.018	0.019	0.001	0.000	08/21/2024	09:22
32	P3669-01		1	2.53	100	7.52	2.06	0.002	0.002	0.000	-0.001	08/21/2024	09:23
33	CCV4	0.5	1	100	100	7.46	1.96	0.000	0.383	0.383	0.497	08/21/2024	09:24
34	CCB4		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	08/21/2024	09:25