

**Analytical Summary Report**

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132086

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: 0.0015

Slope: 0.7651

Regression: 0.999991

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	1.75	0.000	0.000	0.000	-0.00		08/20/2024	08:35
2	CAL2	0.01	1	100	100	7.40	1.84	0.000	0.010	0.010	0.011	10	08/20/2024	08:36
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	08/20/2024	08:37
4	CAL4	0.05	1	100	100	7.39	1.86	0.000	0.039	0.039	0.049	-2	08/20/2024	08:38
5	CAL5	0.1	1	100	100	7.36	1.90	0.000	0.080	0.080	0.102	2	08/20/2024	08:39
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.383	0.383	0.498	-0.4	08/20/2024	08:40
7	CAL7	1	1	100	100	7.38	1.84	0.000	0.767	0.767	1.000	0	08/20/2024	08:41



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Run Number: LB132086

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	1.93	0.000	0.385	0.385	0.501	08/20/2024	08:42
2	ICB		1	100	100	7.26	1.74	0.000	0.001	0.001	-0.001	08/20/2024	08:43
3	CCV1	0.5	1	100	100	7.46	1.96	0.000	0.383	0.383	0.499	08/20/2024	08:44
4	CCB1		1	100	100	7.29	1.78	0.000	0.001	0.001	-0.001	08/20/2024	08:45
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.010	0.010	0.011	08/20/2024	08:46
6	PB162840BL		1	2.50	100	7.24	1.80	0.000	0.000	0.000	-0.002	08/20/2024	08:47
7	PB162840BS	20	1	2.50	100	7.44	1.91	0.000	0.386	0.386	0.503	08/20/2024	08:48
8	P3637-01		1	2.54	100	7.60	2.06	0.000	0.001	0.001	-0.001	08/20/2024	08:49
9	P3643-01		1	2.51	100	7.68	2.18	0.030	0.031	0.001	-0.001	08/20/2024	08:50
10	P3643-01DU		1	2.51	100	7.60	2.12	0.030	0.031	0.001	-0.001	08/20/2024	08:51
11	P3643-01MS	40	2	2.52	100	7.60	2.18	0.017	0.339	0.322	0.419	08/20/2024	08:52
12	P3643-01MS	1284	40	2.51	100	7.64	2.10	0.000	0.592	0.592	0.772	08/20/2024	08:53
13	P3643-01MS	40	2	2.52	100	7.68	2.06	0.015	0.381	0.366	0.476	08/20/2024	08:54
14	P3643-04		1	2.51	100	7.60	2.10	0.030	0.030	0.000	-0.002	08/20/2024	08:55
15	P3643-05		1	2.54	100	7.58	2.18	0.032	0.032	0.000	-0.002	08/20/2024	08:56
16	CCV2	0.5	1	100	100	7.44	1.92	0.000	0.384	0.384	0.500	08/20/2024	08:57
17	CCB2		1	100	100	7.24	1.76	0.000	0.000	0.000	-0.002	08/20/2024	08:58
18	P3643-06		1	2.56	100	7.56	2.12	0.030	0.030	0.000	-0.002	08/20/2024	08:59
19	P3643-07		1	2.52	100	7.62	2.20	0.010	0.010	0.000	-0.002	08/20/2024	09:00
20	P3643-08		1	2.51	100	7.66	2.10	0.032	0.032	0.000	-0.002	08/20/2024	09:01
21	P3643-09		1	2.52	100	7.60	2.28	0.032	0.032	0.000	-0.002	08/20/2024	09:02
22	P3643-10		1	2.54	100	7.54	2.10	0.030	0.030	0.000	-0.002	08/20/2024	09:03
23	P3643-11		1	2.53	100	7.60	2.14	0.008	0.009	0.001	-0.001	08/20/2024	09:04
24	P3643-12		1	2.55	100	7.64	2.10	0.010	0.010	0.000	-0.002	08/20/2024	09:05
25	P3643-13		1	2.54	100	7.56	2.20	0.010	0.010	0.000	-0.002	08/20/2024	09:06
26	P3643-14		1	2.52	100	7.60	2.14	0.009	0.010	0.001	-0.001	08/20/2024	09:07
27	CCV3	0.5	1	100	100	7.42	1.94	0.000	0.385	0.385	0.501	08/20/2024	09:08
28	CCB3		1	100	100	7.30	1.79	0.000	0.001	0.001	-0.001	08/20/2024	09:09