

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132146

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109373
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.001

Slope: 0.7645

Regression: 0.999997

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	7.31	1.78	0.000	0.000	0.000	-0.00		08/23/2024	12:00
2	CAL2	0.01	1	100	100	7.40	1.90	0.000	0.008	0.008	0.009	-10	08/23/2024	12:01
3	CAL3	0.025	1	100	100	7.41	1.74	0.000	0.021	0.021	0.026	4	08/23/2024	12:02
4	CAL4	0.05	1	100	100	7.37	1.88	0.000	0.039	0.039	0.049	-2	08/23/2024	12:03
5	CAL5	0.1	1	100	100	7.36	1.91	0.000	0.078	0.078	0.100	0	08/23/2024	12:04
6	CAL6	0.5	1	100	100	7.40	1.85	0.000	0.384	0.384	0.500	0	08/23/2024	12:05
7	CAL7	1	1	100	100	7.35	1.90	0.000	0.765	0.765	0.999	-0.1	08/23/2024	12:06



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Run Number: LB132146

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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	0.386	0.386	0.504	08/23/2024	12:07
2	ICB		1	100	100	7.27	1.79	0.000	0.001	0.001	0.000	08/23/2024	12:08
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.383	0.383	0.500	08/23/2024	12:09
4	CCB1		1	100	100	7.29	1.74	0.000	0.000	0.000	-0.001	08/23/2024	12:10
5	RL Check	0.01	1	100	100	7.44	1.92	0.000	0.010	0.010	0.012	08/23/2024	12:11
6	PB162926BL		1	2.50	100	7.24	1.80	0.000	0.001	0.001	0.000	08/23/2024	12:12
7	PB162926BS	20	1	2.50	100	7.43	1.94	0.000	0.386	0.386	0.504	08/23/2024	12:13
8	P3671-01		1	2.54	100	7.56	2.10	0.036	0.036	0.000	-0.001	08/23/2024	12:14
9	P3671-02		1	2.51	100	7.52	2.06	0.038	0.038	0.000	-0.001	08/23/2024	12:15
10	P3671-03		1	2.55	100	7.66	2.18	0.038	0.038	0.000	-0.001	08/23/2024	12:16
11	P3671-04		1	2.52	100	7.60	2.10	0.037	0.038	0.001	0.000	08/23/2024	12:17
12	P3671-05		1	2.52	100	7.64	2.20	0.036	0.038	0.002	0.001	08/23/2024	12:18
13	P3671-06		1	2.51	100	7.52	2.06	0.032	0.032	0.000	-0.001	08/23/2024	12:19
14	P3671-07		1	2.51	100	7.58	2.28	0.026	0.027	0.001	0.000	08/23/2024	12:20
15	P3671-08		1	2.54	100	7.60	2.16	0.028	0.029	0.001	0.000	08/23/2024	12:21
16	CCV2	0.5	1	100	100	7.45	1.93	0.000	0.384	0.384	0.501	08/23/2024	12:22
17	CCB2		1	100	100	7.30	1.77	0.000	0.000	0.000	-0.001	08/23/2024	12:23
18	P3671-09		1	2.54	100	7.62	2.10	0.032	0.033	0.001	0.000	08/23/2024	12:24
19	P3671-10		1	2.52	100	7.68	2.14	0.028	0.028	0.000	-0.001	08/23/2024	12:25
20	P3671-11		1	2.51	100	7.58	2.16	0.024	0.024	0.000	-0.001	08/23/2024	12:26
21	P3671-12		1	2.52	100	7.52	2.10	0.020	0.020	0.000	-0.001	08/23/2024	12:27
22	P3671-13		1	2.56	100	7.64	2.12	0.028	0.029	0.001	0.000	08/23/2024	12:28
23	P3671-14		1	2.54	100	7.60	2.10	0.026	0.026	0.000	-0.001	08/23/2024	12:29
24	P3704-01		1	2.53	100	7.52	2.06	0.001	0.001	0.000	-0.001	08/23/2024	12:30
25	P3704-01DU		1	2.53	100	7.58	2.04	0.001	0.001	0.000	-0.001	08/23/2024	12:31
26	P3704-01MS	40	2	2.52	100	7.52	2.06	0.000	0.302	0.302	0.394	08/23/2024	12:32
27	P3704-01MS	1284	40	2.53	100	7.52	2.06	0.000	0.599	0.599	0.782	08/23/2024	12:33
28	CCV3	0.5	1	100	100	7.44	1.95	0.000	0.384	0.384	0.501	08/23/2024	12:34
29	CCB3		1	100	100	7.28	1.77	0.000	0.001	0.001	0.000	08/23/2024	12:35
30	P3704-01MS	40	2	2.51	100	7.56	2.10	0.000	0.371	0.371	0.484	08/23/2024	12:36
31	CCV4	0.5	1	100	100	7.42	1.97	0.000	0.386	0.386	0.504	08/23/2024	12:37
32	CCB4		1	100	100	7.32	1.75	0.000	0.001	0.001	0.000	08/23/2024	12:38