

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132122

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: 0.0007

Slope: 0.7693

Regression: 0.99999

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	1.77	0.000	0.000	0.000	-0.00		08/22/2024	11:00
2	CAL2	0.01	1	100	100	7.40	1.85	0.000	0.008	0.008	0.009	-10	08/22/2024	11:01
3	CAL3	0.025	1	100	100	7.35	1.88	0.000	0.021	0.021	0.026	4	08/22/2024	11:02
4	CAL4	0.05	1	100	100	7.39	1.90	0.000	0.039	0.039	0.049	-2	08/22/2024	11:03
5	CAL5	0.1	1	100	100	7.41	1.88	0.000	0.079	0.079	0.101	1	08/22/2024	11:04
6	CAL6	0.5	1	100	100	7.43	1.91	0.000	0.383	0.383	0.496	-0.8	08/22/2024	11:05
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.771	0.771	1.001	0.1	08/22/2024	11:06



Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132122

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	7.40	1.93	0.000	0.386	0.386	0.501	08/22/2024	11:07
2	ICB		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	08/22/2024	11:08
3	CCV1	0.5	1	100	100	7.42	1.95	0.000	0.383	0.383	0.497	08/22/2024	11:09
4	CCB1		1	100	100	7.30	1.74	0.000	0.001	0.001	0.000	08/22/2024	11:10
5	RL Check	0.01	1	100	100	7.39	1.93	0.000	0.010	0.010	0.012	08/22/2024	11:11
6	PB162897BL		1	2.50	100	7.25	1.80	0.000	0.000	0.000	-0.001	08/22/2024	11:12
7	PB162897BS	20	1	2.50	100	7.43	1.94	0.000	0.385	0.385	0.500	08/22/2024	11:13
8	P3663-01		1	2.51	100	7.52	2.10	0.010	0.010	0.000	-0.001	08/22/2024	11:14
9	P3663-02		1	2.54	100	7.60	2.30	0.010	0.011	0.001	0.000	08/22/2024	11:15
10	P3663-03		1	2.52	100	7.58	2.18	0.038	0.038	0.000	-0.001	08/22/2024	11:16
11	P3663-04		1	2.51	100	7.58	2.16	0.038	0.038	0.000	-0.001	08/22/2024	11:17
12	P3663-04DU		1	2.52	100	7.54	2.10	0.038	0.038	0.000	-0.001	08/22/2024	11:18
13	P3663-04MS	40	2	2.51	100	7.52	2.10	0.016	0.249	0.233	0.302	08/22/2024	11:19
14	P3663-04MS	1284	40	2.51	100	7.60	2.14	0.000	0.499	0.499	0.648	08/22/2024	11:20
15	P3663-04MS	40	2	2.52	100	7.60	2.21	0.015	0.289	0.274	0.355	08/22/2024	11:21
16	CCV2	0.5	1	100	100	7.45	1.92	0.000	0.386	0.386	0.501	08/22/2024	11:22
17	CCB2		1	100	100	7.28	1.76	0.000	0.000	0.000	-0.001	08/22/2024	11:23
18	P3663-07		1	2.54	100	7.68	2.10	0.036	0.036	0.000	-0.001	08/22/2024	11:24
19	P3663-08		1	2.56	100	7.60	2.14	0.037	0.038	0.001	0.000	08/22/2024	11:25
20	P3663-09		1	2.55	100	7.61	2.06	0.037	0.037	0.000	-0.001	08/22/2024	11:26
21	P3663-10		1	2.51	100	7.54	2.12	0.018	0.018	0.000	-0.001	08/22/2024	11:27
22	P3663-11		1	2.51	100	7.60	2.10	0.030	0.031	0.001	0.000	08/22/2024	11:28
23	P3663-12		1	2.54	100	7.56	2.18	0.034	0.034	0.000	-0.001	08/22/2024	11:29
24	P3685-01		1	2.57	100	7.63	2.06	0.002	0.002	0.000	-0.001	08/22/2024	11:30
25	P3685-03		1	2.52	100	7.64	2.04	0.001	0.002	0.001	0.000	08/22/2024	11:31
26	P3689-02		1	2.54	100	7.60	2.10	0.010	0.010	0.000	-0.001	08/22/2024	11:32
27	P3694-01		1	2.51	100	7.52	2.08	0.006	0.006	0.000	-0.001	08/22/2024	11:33
28	CCV3	0.5	1	100	100	7.42	1.97	0.000	0.385	0.385	0.500	08/22/2024	11:34
29	CCB3		1	100	100	7.31	1.81	0.000	0.001	0.001	0.000	08/22/2024	11:35