

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131922

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109114
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7663

Regression: 0.999994

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	7.26	1.74	0.000	0.000	0.000	-0.00		08/09/2024	09:40
2	CAL2	0.01	1	100	100	7.39	1.88	0.000	0.009	0.009	0.009	-10	08/09/2024	09:41
3	CAL3	0.025	1	100	100	7.35	1.88	0.000	0.021	0.021	0.025	0	08/09/2024	09:42
4	CAL4	0.05	1	100	100	7.36	1.90	0.000	0.040	0.040	0.050	0	08/09/2024	09:43
5	CAL5	0.1	1	100	100	7.40	1.85	0.000	0.080	0.080	0.102	2	08/09/2024	09:44
6	CAL6	0.5	1	100	100	7.39	1.91	0.000	0.384	0.384	0.499	-0.2	08/09/2024	08:45
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.768	0.768	1.000	0	08/09/2024	09:46



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Run Number: LB131922

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	7.43	1.93	0.000	0.386	0.386	0.502	08/09/2024	09:47
2	ICB		1	100	100	7.24	1.77	0.000	0.001	0.001	-0.001	08/09/2024	09:48
3	CCV1	0.5	1	100	100	7.41	1.91	0.000	0.383	0.383	0.498	08/09/2024	09:49
4	CCB1		1	100	100	7.29	1.78	0.000	0.000	0.000	-0.002	08/09/2024	09:50
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.011	08/09/2024	09:51
6	PB162542BL		1	2.50	100	7.30	1.74	0.000	0.001	0.001	-0.001	08/09/2024	09:52
7	PB162542BS	20	1	2.50	100	7.42	1.94	0.000	0.385	0.385	0.500	08/09/2024	09:53
8	P3474-01		1	2.53	100	7.60	2.06	0.006	0.007	0.001	-0.001	08/09/2024	09:54
9	P3474-04		1	2.54	100	7.52	2.02	0.001	0.001	0.000	-0.002	08/09/2024	09:55
10	P3474-04DU		1	2.52	100	7.58	2.06	0.001	0.001	0.000	-0.002	08/09/2024	09:56
11	P3474-04MS	40	2	2.53	100	7.52	2.06	0.000	0.334	0.334	0.434	08/09/2024	09:57
12	P3474-04MS	1284	40	2.52	100	7.56	2.04	0.000	0.610	0.610	0.794	08/09/2024	09:58
13	P3474-04MS	40	2	2.53	100	7.60	2.10	0.000	0.383	0.383	0.498	08/09/2024	09:59
14	P3474-07		1	2.51	100	7.52	2.18	0.002	0.004	0.002	0.001	08/09/2024	10:00
15	P3474-10		1	2.54	100	7.64	2.20	0.006	0.006	0.000	-0.002	08/09/2024	10:01
16	CCV2	0.5	1	100	100	7.46	1.96	0.000	0.383	0.383	0.498	08/09/2024	10:02
17	CCB2		1	100	100	7.25	1.76	0.000	0.000	0.000	-0.002	08/09/2024	10:03
18	P3483-01		1	2.51	100	7.60	2.06	0.037	0.038	0.001	-0.001	08/09/2024	10:04
19	P3484-01		1	2.52	100	7.52	2.12	0.010	0.010	0.000	-0.002	08/09/2024	10:05
20	P3485-01		1	2.54	100	7.58	2.18	0.005	0.006	0.001	-0.001	08/09/2024	10:06
21	P3506-01		1	2.52	100	7.52	2.22	0.004	0.004	0.000	-0.002	08/09/2024	10:07
22	P3507-01		1	2.51	100	7.58	2.06	0.004	0.005	0.001	-0.001	08/09/2024	10:08
23	P3512-01		1	2.53	100	7.60	2.06	0.036	0.036	0.000	-0.002	08/09/2024	10:09
24	P3512-02		1	2.54	100	7.66	2.14	0.010	0.010	0.000	-0.002	08/09/2024	10:10
25	P3512-03		1	2.51	100	7.54	2.10	0.010	0.012	0.002	0.001	08/09/2024	10:11
26	P3512-04		1	2.53	100	7.56	2.08	0.006	0.006	0.000	-0.002	08/09/2024	10:12
27	P3512-05		1	2.53	100	7.60	2.04	0.006	0.006	0.000	-0.002	08/09/2024	10:13
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.500	08/09/2024	10:14
29	CCB3		1	100	100	7.25	1.79	0.000	0.001	0.001	-0.001	08/09/2024	10:15
30	P3512-06		1	2.54	100	7.60	2.06	0.004	0.006	0.002	0.001	08/09/2024	10:16
31	P3526-01		1	2.51	100	7.70	2.04	0.006	0.007	0.001	-0.001	08/09/2024	10:17
32	CCV4	0.5	1	100	100	7.44	1.93	0.000	0.386	0.386	0.502	08/09/2024	10:18
33	CCB4		1	100	100	7.30	1.75	0.000	0.001	0.001	-0.001	08/09/2024	10:19