

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130897

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP108094
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0013

Slope: 0.7665

Regression: 0.999993

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	1.79	0.000	0.000	0.000	-0.00		05/23/2024	09:30
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.010	0	05/23/2024	09:31
3	CAL3	0.025	1	100	100	7.34	1.88	0.000	0.021	0.021	0.025	0	05/23/2024	09:32
4	CAL4	0.05	1	100	100	7.38	1.86	0.000	0.039	0.039	0.049	-2	05/23/2024	09:33
5	CAL5	0.1	1	100	100	7.36	1.89	0.000	0.080	0.080	0.102	2	05/23/2024	09:34
6	CAL6	0.5	1	100	100	7.37	1.84	0.000	0.384	0.384	0.499	-0.2	05/23/2024	09:35
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.768	0.768	1.000	0	05/23/2024	09:36



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Run Number: LB130897

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	7.41	1.93	0.000	0.383	0.383	0.498	05/23/2024	09:37
2	ICB		1	100	100	7.24	1.75	0.000	0.001	0.001	0.000	05/23/2024	09:38
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.386	0.386	0.502	05/23/2024	09:39
4	CCB1		1	100	100	7.25	1.74	0.000	0.001	0.001	0.000	05/23/2024	09:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.011	05/23/2024	09:41
6	PB160993BL		1	2.50	100	7.26	1.76	0.000	0.000	0.000	-0.002	05/23/2024	09:42
7	PB160993BS	20	1	2.50	100	7.43	1.92	0.000	0.386	0.386	0.502	05/23/2024	09:43
8	P2518-01		1	2.52	100	7.62	2.08	0.004	0.004	0.000	-0.002	05/23/2024	09:44
9	P2518-05		1	2.55	100	7.28	2.06	0.012	0.012	0.000	-0.002	05/23/2024	09:45
10	P2518-09		1	2.53	100	7.52	2.14	0.005	0.006	0.001	0.000	05/23/2024	09:46
11	P2525-01		1	2.54	100	7.58	2.18	0.004	0.004	0.000	-0.002	05/23/2024	09:47
12	P2527-01		1	2.53	100	7.58	2.08	0.003	0.004	0.001	0.000	05/23/2024	09:48
13	P2527-01DU		1	2.52	100	7.52	2.10	0.004	0.004	0.000	-0.002	05/23/2024	09:49
14	P2527-01MS	40	2	2.53	100	7.56	2.06	0.000	0.359	0.359	0.467	05/23/2024	09:50
15	P2527-01MS	1284	40	2.53	100	7.58	2.12	0.000	0.579	0.579	0.754	05/23/2024	09:51
16	CCV2	0.5	1	100	100	7.42	1.95	0.000	0.385	0.385	0.501	05/23/2024	09:52
17	CCB2		1	100	100	7.24	1.78	0.000	0.001	0.001	0.000	05/23/2024	09:53
18	P2527-01MS	40	2	2.51	100	7.60	2.16	0.000	0.385	0.385	0.501	05/23/2024	09:54
19	P2531-01		1	2.55	100	7.62	2.08	0.004	0.004	0.000	-0.002	05/23/2024	09:55
20	P2538-01		1	2.53	100	7.68	2.20	0.038	0.038	0.000	-0.002	05/23/2024	09:56
21	P2539-01		1	2.52	100	7.58	2.16	0.003	0.003	0.000	-0.002	05/23/2024	09:57
22	P2539-05		1	2.51	100	7.52	2.10	0.003	0.004	0.001	0.000	05/23/2024	09:58
23	P2555-01		1	2.52	100	7.62	2.08	0.012	0.012	0.000	-0.002	05/23/2024	09:59
24	P2556-01		1	2.53	100	7.62	2.12	0.015	0.019	0.004	0.004	05/23/2024	10:00
25	P2558-01		1	2.51	100	7.68	2.08	0.002	0.004	0.002	0.001	05/23/2024	10:01
26	P2580-01		1	2.53	100	7.60	2.22	0.005	0.006	0.001	0.000	05/23/2024	10:02
27	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.498	05/23/2024	10:03
28	CCB3		1	100	100	7.28	1.74	0.000	0.001	0.001	0.000	05/23/2024	10:04