

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130806

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107966
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0008

Slope: 0.7671

Regression: 0.999999

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		05/17/2024	09:00
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.010	0	05/17/2024	09:31
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.020	0.020	0.025	0	05/17/2024	09:32
4	CAL4	0.05	1	100	100	7.34	1.88	0.000	0.039	0.039	0.049	-2	05/17/2024	09:33
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.078	0.078	0.100	0	05/17/2024	09:34
6	CAL6	0.5	1	100	100	7.39	1.90	0.000	0.384	0.384	0.499	-0.2	05/17/2024	09:35
7	CAL7	1	1	100	100	7.36	1.84	0.000	0.768	0.768	1.000	0	05/17/2024	09:36



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Run Number: LB130806

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	0.386	0.386	0.502	05/17/2024	09:37
2	ICB		1	100	100	7.25	1.76	0.000	0.000	0.000	-0.001	05/17/2024	09:38
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.383	0.383	0.498	05/17/2024	09:39
4	CCB1		1	100	100	7.26	1.79	0.000	0.001	0.001	0.000	05/17/2024	09:40
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.009	0.009	0.011	05/17/2024	09:41
6	PB160940BL		1	2.50	100	7.27	1.77	0.000	0.001	0.001	0.000	05/17/2024	09:42
7	PB160940BS	20	1	2.50	100	7.42	1.92	0.000	0.385	0.385	0.501	05/17/2024	09:43
8	P2473-01		1	2.53	100	7.56	2.10	0.008	0.008	0.000	-0.001	05/17/2024	09:44
9	P2473-01DU		1	2.53	100	7.52	2.14	0.007	0.008	0.001	0.000	05/17/2024	09:45
10	P2473-01MS	40	2	2.52	100	7.58	2.08	0.001	0.331	0.330	0.429	05/17/2024	09:46
11	P2473-01MS	1284	40	2.53	100	7.52	2.10	0.000	0.598	0.598	0.779	05/17/2024	09:47
12	P2473-01MS	40	2	2.52	100	7.60	2.14	0.002	0.381	0.379	0.493	05/17/2024	09:48
13	P2486-01		1	2.56	100	7.52	2.06	0.014	0.014	0.000	-0.001	05/17/2024	09:49
14	P2486-05		1	2.52	100	7.56	2.10	0.013	0.014	0.001	0.000	05/17/2024	09:50
15	P2487-01		1	2.51	100	7.58	2.18	0.018	0.020	0.002	0.002	05/17/2024	09:51
16	CCV2	0.5	1	100	100	7.45	1.96	0.000	0.384	0.384	0.500	05/17/2024	09:52
17	CCB2		1	100	100	7.24	1.78	0.000	0.000	0.000	-0.001	05/17/2024	09:53
18	P2488-01		1	2.55	100	7.62	2.08	0.008	0.010	0.002	0.002	05/17/2024	09:54
19	P2497-01		1	2.52	100	7.64	2.20	0.006	0.008	0.002	0.002	05/17/2024	09:55
20	P2497-03		1	2.52	100	7.52	2.28	0.004	0.005	0.001	0.000	05/17/2024	09:56
21	P2497-05		1	2.52	100	7.60	2.20	0.014	0.014	0.000	-0.001	05/17/2024	09:57
22	P2497-07		1	2.54	100	7.68	2.18	0.005	0.006	0.001	0.000	05/17/2024	09:58
23	P2498-01		1	2.51	100	7.58	2.10	0.010	0.012	0.002	0.002	05/17/2024	09:59
24	P2500-01		1	2.55	100	7.62	2.14	0.012	0.014	0.002	0.002	05/17/2024	10:00
25	P2500-02		1	2.53	100	7.55	2.18	0.006	0.006	0.000	-0.001	05/17/2024	10:01
26	P2512-01		1	2.54	100	7.52	2.08	0.038	0.038	0.000	-0.001	05/17/2024	10:02
27	P2512-05		1	2.53	100	7.62	2.12	0.038	0.038	0.000	-0.001	05/17/2024	10:03
28	CCV3	0.5	1	100	100	7.42	1.94	0.000	0.386	0.386	0.502	05/17/2024	10:04
29	CCB3		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	05/17/2024	10:05
30	P2513-01		1	2.51	100	7.64	2.10	0.004	0.004	0.000	-0.001	05/17/2024	10:06
31	P2513-04		1	2.54	100	7.68	2.06	0.003	0.004	0.001	0.000	05/17/2024	10:07
32	P2513-07		1	2.53	100	7.62	2.16	0.038	0.038	0.000	-0.001	05/17/2024	10:08
33	P2513-10		1	2.51	100	7.52	2.10	0.003	0.004	0.001	0.000	05/17/2024	10:09
34	P2513-13		1	2.53	100	7.66	2.20	0.004	0.005	0.001	0.000	05/17/2024	10:10
35	CCV4	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.498	05/17/2024	10:11
36	CCB4		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	05/17/2024	10:12