



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB126958

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103788
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.001

Slope: 0.7669

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	7.28	1.78	0.000	0.000	0.000	-0.00		08/22/2023	08:30
2	CAL2	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	0	08/22/2023	08:31
3	CAL3	0.025	1	100	100	7.38	1.87	0.000	0.020	0.020	0.024	-4	08/22/2023	08:32
4	CAL4	0.05	1	100	100	7.37	1.87	0.000	0.039	0.039	0.049	-2	08/22/2023	08:33
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.079	0.079	0.101	1	08/22/2023	08:34
6	CAL6	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.499	-0.2	08/22/2023	08:35
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.768	0.768	1.000	0	08/22/2023	08:36



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Run Number: LB126958

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	1.92	0.000	0.383	0.383	0.498	08/22/2023	08:37
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	08/22/2023	08:38
3	CCV1	0.5	1	100	100	7.42	1.94	0.000	0.385	0.385	0.501	08/22/2023	08:39
4	CCB1		1	100	100	7.29	1.79	0.000	0.001	0.001	0.000	08/22/2023	08:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	08/22/2023	08:41
6	PB154914BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	08/22/2023	08:42
7	PB154914BS	20	1	2.50	100	7.41	1.92	0.000	0.383	0.383	0.498	08/22/2023	08:43
8	O4058-01		1	2.56	100	7.62	2.10	0.006	0.008	0.002	0.001	08/22/2023	08:44
9	O4058-01DU		1	2.54	100	7.60	2.08	0.007	0.008	0.001	0.000	08/22/2023	08:45
10	O4058-01MS	40	2	2.55	100	7.60	2.12	0.006	0.338	0.332	0.432	08/22/2023	08:46
11	O4058-01MS	1284	40	2.54	100	7.58	2.10	0.000	0.527	0.527	0.686	08/22/2023	08:47
12	O4058-01MS	40	2	2.55	100	7.60	2.12	0.008	0.363	0.355	0.462	08/22/2023	08:48
13	O4080-01		1	2.54	100	7.52	2.08	0.027	0.028	0.001	0.000	08/22/2023	08:49
14	O4082-01		1	2.53	100	7.62	2.14	0.037	0.038	0.001	0.000	08/22/2023	08:50
15	O4082-03		1	2.54	100	7.58	2.10	0.020	0.020	0.000	-0.001	08/22/2023	08:51
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.501	08/22/2023	08:52
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	08/22/2023	08:53
18	O4082-05		1	2.53	100	7.54	2.08	0.012	0.012	0.000	-0.001	08/22/2023	08:54
19	O4082-07		1	2.52	100	7.58	2.06	0.003	0.004	0.001	0.000	08/22/2023	08:55
20	O4082-09		1	2.54	100	7.62	2.08	0.006	0.007	0.001	0.000	08/22/2023	08:56
21	O4087-01		1	2.52	100	7.68	2.16	0.005	0.005	0.000	-0.001	08/22/2023	08:57
22	O4090-01		1	2.54	100	7.54	2.08	0.002	0.003	0.001	0.000	08/22/2023	08:58
23	O4090-04		1	2.56	100	7.60	2.18	0.008	0.010	0.002	0.001	08/22/2023	08:59
24	O4090-07		1	2.53	100	7.62	2.08	0.004	0.005	0.001	0.000	08/22/2023	09:00
25	O4090-10		1	2.55	100	7.58	2.06	0.030	0.032	0.002	0.001	08/22/2023	09:01
26	O4091-01		1	2.53	100	7.52	2.10	0.012	0.014	0.002	0.001	08/22/2023	09:02
27	O4091-04		1	2.52	100	7.62	2.04	0.010	0.010	0.000	-0.001	08/22/2023	09:03
28	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.498	08/22/2023	09:04
29	CCB3		1	100	100	7.29	1.80	0.000	0.001	0.001	0.000	08/22/2023	09:05
30	O4091-07		1	2.56	100	7.28	2.20	0.020	0.020	0.000	-0.001	08/22/2023	09:06
31	O4091-10		1	2.54	100	7.62	2.18	0.010	0.010	0.000	-0.001	08/22/2023	09:07
32	O4091-13		1	2.55	100	7.56	2.08	0.008	0.010	0.002	0.001	08/22/2023	09:08
33	O4091-16		1	2.51	100	7.52	2.10	0.006	0.006	0.000	-0.001	08/22/2023	09:09
34	O4091-19		1	2.54	100	7.56	2.06	0.012	0.014	0.002	0.001	08/22/2023	09:10
35	CCV4	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.499	08/22/2023	09:11
36	CCB4		1	100	100	7.30	1.80	0.000	0.001	0.001	0.000	08/22/2023	09:12