



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127095

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103967
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0015

Slope: 0.7684

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	7.29	1.76	0.000	0.000	0.000	-0.00		08/31/2023	12:00
2	CAL2	0.01	1	100	100	7.39	1.86	0.000	0.009	0.009	0.009	-10	08/31/2023	12:01
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.025	0	08/31/2023	12:02
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.040	0.040	0.050	0	08/31/2023	12:03
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.080	0.080	0.102	2	08/31/2023	12:04
6	CAL6	0.5	1	100	100	7.40	1.92	0.000	0.385	0.385	0.499	-0.2	08/31/2023	12:05
7	CAL7	1	1	100	100	7.38	1.87	0.000	0.770	0.770	1.000	0	08/31/2023	12:06

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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	1.91	0.000	0.383	0.383	0.496	08/31/2023	12:07
2	ICB		1	100	100	7.30	1.80	0.000	0.001	0.001	-0.001	08/31/2023	12:08
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.499	08/31/2023	12:09
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	-0.001	08/31/2023	12:10
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	08/31/2023	12:11
6	PB155171BL		1	2.50	100	7.28	1.78	0.000	0.001	0.001	-0.001	08/31/2023	12:12
7	PB155171BS	20	1	2.50	100	7.41	1.91	0.000	0.384	0.384	0.498	08/31/2023	12:13
8	O4196-01		1	2.54	100	7.50	2.06	0.008	0.010	0.002	0.001	08/31/2023	12:14
9	O4196-08		1	2.54	100	7.52	2.10	0.008	0.008	0.000	-0.002	08/31/2023	12:15
10	O4196-15		1	2.53	100	7.58	2.20	0.011	0.012	0.001	-0.001	08/31/2023	12:16
11	O4196-22		1	2.51	100	7.58	2.06	0.007	0.007	0.000	-0.002	08/31/2023	12:17
12	O4196-29		1	2.54	100	7.62	2.16	0.008	0.009	0.001	-0.001	08/31/2023	12:18
13	O4197-01		1	2.52	100	7.60	2.08	0.003	0.004	0.001	-0.001	08/31/2023	12:19
14	O4197-08		1	2.52	100	7.52	2.10	0.008	0.010	0.002	0.001	08/31/2023	12:20
15	O4197-15		1	2.54	100	7.56	2.06	0.012	0.012	0.000	-0.002	08/31/2023	12:21
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.384	0.384	0.498	08/31/2023	12:22
17	CCB2		1	100	100	7.27	1.79	0.000	0.001	0.001	-0.001	08/31/2023	12:23
18	O4197-22		1	2.54	100	7.62	2.08	0.006	0.008	0.002	0.001	08/31/2023	12:24
19	O4198-01		1	2.55	100	7.68	2.18	0.004	0.006	0.002	0.001	08/31/2023	12:25
20	O4198-07		1	2.53	100	7.52	2.08	0.006	0.008	0.002	0.001	08/31/2023	12:26
21	O4198-14		1	2.52	100	7.66	2.10	0.006	0.007	0.001	-0.001	08/31/2023	12:27
22	O4202-01		1	2.53	100	7.52	2.10	0.008	0.009	0.001	-0.001	08/31/2023	12:28
23	O4202-02		1	2.52	100	7.58	2.14	0.010	0.012	0.002	0.001	08/31/2023	12:29
24	O4202-03		1	2.56	100	7.50	2.10	0.007	0.008	0.001	-0.001	08/31/2023	12:30
25	O4210-01		1	2.53	100	7.56	2.06	0.010	0.010	0.000	-0.002	08/31/2023	12:31
26	O4224-01		1	2.55	100	7.60	2.18	0.010	0.012	0.002	0.001	08/31/2023	12:32
27	O4249-01		1	2.51	100	7.56	2.08	0.002	0.004	0.002	0.001	08/31/2023	12:33
28	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.499	08/31/2023	12:34
29	CCB3		1	100	100	7.30	1.80	0.000	0.001	0.001	-0.001	08/31/2023	12:35
30	O4249-01DU		1	2.51	100	7.54	2.10	0.003	0.004	0.001	-0.001	08/31/2023	12:36
31	O4249-01MS	40	2	2.52	100	7.56	2.08	0.003	0.329	0.326	0.422	08/31/2023	12:37
32	O4249-01MS	1284	40	2.51	100	7.54	2.10	0.000	0.527	0.527	0.684	08/31/2023	12:38
33	O4249-01MS	40	2	2.52	100	7.58	2.12	0.002	0.368	0.366	0.474	08/31/2023	12:39
34	CCV4	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.496	08/31/2023	12:40
35	CCB4		1	100	100	7.28	1.80	0.000	0.001	0.001	-0.001	08/31/2023	12:41