



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB127036

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103895
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0013

Slope: 0.7662

Regression: 0.999995

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	1.79	0.000	0.000	0.000	-0.00		08/28/2023	08:10
2	CAL2	0.01	1	100	100	7.37	1.86	0.000	0.009	0.009	0.010	0	08/28/2023	08:11
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.025	0	08/28/2023	08:12
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.040	0.040	0.050	0	08/28/2023	08:13
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.079	0.079	0.101	1	08/28/2023	08:14
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.383	0.383	0.498	-0.4	08/28/2023	08:15
7	CAL7	1	1	100	100	7.38	1.88	0.000	0.768	0.768	1.000	0	08/28/2023	08:16

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Run Number: LB127036

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	7.42	1.92	0.000	0.384	0.384	0.499	08/28/2023	08:17
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/28/2023	08:18
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.498	08/28/2023	08:19
4	CCB1		1	100	100	7.28	1.79	0.000	0.001	0.001	0.000	08/28/2023	08:20
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	08/28/2023	08:21
6	PB155053BL		1	2.50	100	7.30	1.80	0.000	0.001	0.001	0.000	08/28/2023	02:22
7	PB155053BS	20	1	2.50	100	7.41	1.92	0.000	0.385	0.385	0.501	08/28/2023	08:23
8	O4133-01		1	2.52	100	7.62	2.06	0.012	0.012	0.000	-0.002	08/28/2023	08:24
9	O4169-01		1	2.52	100	7.62	2.18	0.015	0.017	0.002	0.001	08/28/2023	08:25
10	O4169-01DU		1	2.53	100	7.64	2.16	0.016	0.017	0.001	0.000	08/28/2023	08:26
11	O4169-01MS	40	2	2.53	100	7.62	2.18	0.010	0.236	0.226	0.293	08/28/2023	08:27
12	O4169-01MS	1284	40	2.54	100	7.60	2.16	0.000	0.549	0.549	0.715	08/28/2023	08:28
13	O4169-01MS	40	2	2.54	100	7.64	2.20	0.012	0.252	0.240	0.312	08/28/2023	08:29
14	O4170-01		1	2.54	100	7.52	2.08	0.005	0.006	0.001	0.000	08/28/2023	08:30
15	O4177-01		1	2.51	100	7.58	2.06	0.006	0.008	0.002	0.001	08/28/2023	08:31
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.501	08/28/2023	08:32
17	CCB2		1	100	100	7.29	1.79	0.000	0.001	0.001	0.000	08/28/2023	08:33
18	O4183-01		1	2.54	100	7.52	2.04	0.004	0.005	0.001	0.000	08/28/2023	08:34
19	O4183-03		1	2.55	100	7.56	2.08	0.003	0.004	0.001	0.000	08/28/2023	08:35
20	O4183-05		1	2.53	100	7.60	2.10	0.001	0.001	0.000	-0.002	08/28/2023	08:36
21	O4188-01		1	2.52	100	7.52	2.18	0.001	0.002	0.001	0.000	08/28/2023	08:37
22	O4188-04		1	2.55	100	7.54	2.08	0.010	0.012	0.002	0.001	08/28/2023	08:38
23	O4188-07		1	2.52	100	7.52	2.10	0.009	0.010	0.001	0.000	08/28/2023	08:39
24	O4188-10		1	2.55	100	7.56	2.12	0.002	0.002	0.000	-0.002	08/28/2023	08:40
25	CCV3	0.5	1	100	100	7.44	1.93	0.000	0.384	0.384	0.499	08/28/2023	08:41
26	CCB3		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/28/2023	08:42