



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128288

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP105199
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0012

Slope: 0.7667

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	7.26	1.76	0.000	0.000	0.000	-0.00		11/13/2023	08:00
2	CAL2	0.01	1	100	100	7.37	1.88	0.000	0.009	0.009	0.010	0	11/13/2023	08:01
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.020	0.020	0.024	-4	11/13/2023	08:02
4	CAL4	0.05	1	100	100	7.35	1.85	0.000	0.040	0.040	0.050	0	11/13/2023	08:03
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.079	0.079	0.101	1	11/13/2023	08:04
6	CAL6	0.5	1	100	100	7.41	1.91	0.000	0.384	0.384	0.499	-0.2	11/13/2023	08:05
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.768	0.768	1.000	0	11/13/2023	08:06



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128288

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	0.385	0.385	0.501	11/13/2023	08:07
2	ICB		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	11/13/2023	08:09
3	CCV1	0.5	1	100	100	7.38	1.93	0.000	0.383	0.383	0.498	11/13/2023	08:10
4	CCB1		1	100	100	7.28	1.76	0.000	0.001	0.001	0.000	11/13/2023	08:11
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	11/13/2023	08:12
6	PB157012BL		1	2.50	100	7.25	1.78	0.000	0.001	0.001	0.000	11/13/2023	08:13
7	PB157012BS	20	1	2.50	100	7.42	1.92	0.000	0.384	0.384	0.499	11/13/2023	08:14
8	O5311-01		1	2.56	100	7.62	2.10	0.008	0.008	0.000	-0.002	11/13/2023	08:15
9	O5311-01DU		1	2.54	100	7.58	2.12	0.006	0.007	0.001	0.000	11/13/2023	08:16
10	O5311-01MS	40	2	2.54	100	7.58	2.08	0.004	0.339	0.335	0.435	11/13/2023	08:17
11	O5311-01MS	1284	40	2.55	100	7.60	2.10	0.000	0.539	0.539	0.701	11/13/2023	08:18
12	O5311-01MS	40	2	2.55	100	7.58	2.08	0.003	0.389	0.386	0.502	11/13/2023	08:19
13	O5311-04		1	2.54	100	7.60	2.06	0.007	0.007	0.000	-0.002	11/13/2023	08:20
14	O5311-07		1	2.55	100	7.52	2.06	0.009	0.010	0.001	0.000	11/13/2023	08:21
15	O5311-10		1	2.52	100	7.62	2.12	0.018	0.022	0.004	0.004	11/13/2023	08:22
16	CCV2	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.498	11/13/2023	08:23
17	CCB2		1	100	100	7.26	1.76	0.000	0.001	0.001	0.000	11/13/2023	08:24
18	O5311-13		1	2.54	100	7.62	2.06	0.009	0.013	0.004	0.004	11/13/2023	08:25
19	O5311-16		1	2.55	100	7.28	2.18	0.011	0.016	0.005	0.005	11/13/2023	08:26
20	O5323-01		1	2.53	100	7.52	2.12	0.008	0.010	0.002	0.001	11/13/2023	08:27
21	O5346-01		1	2.52	100	7.60	2.06	0.007	0.007	0.000	-0.002	11/13/2023	08:28
22	O5351-01		1	2.55	100	7.56	2.08	0.006	0.008	0.002	0.001	11/13/2023	08:29
23	O5351-03		1	2.52	100	7.52	2.16	0.014	0.014	0.000	-0.002	11/13/2023	08:30
24	O5361-01		1	2.51	100	7.62	2.10	0.008	0.008	0.000	-0.002	11/13/2023	08:31
25	O5378-01		1	2.54	100	7.54	2.08	0.003	0.003	0.000	-0.002	11/13/2023	08:32
26	O5379-01		1	2.55	100	7.58	2.10	0.010	0.010	0.000	-0.002	11/13/2023	08:33
27	O5379-05		1	2.51	100	7.52	2.20	0.020	0.020	0.000	-0.002	11/13/2023	08:34
28	CCV3	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.501	11/13/2023	08:35
29	CCB3		1	100	100	7.27	1.75	0.000	0.001	0.001	0.000	11/13/2023	08:36
30	O5379-09		1	2.53	100	7.54	2.08	0.037	0.038	0.001	0.000	11/13/2023	08:37
31	O5380-01		1	2.54	100	7.58	2.06	0.030	0.032	0.002	0.001	11/13/2023	08:38
32	O5380-05		1	2.52	100	7.60	2.20	0.020	0.020	0.000	-0.002	11/13/2023	08:39
33	CCV4	0.5	1	100	100	7.43	1.94	0.000	0.383	0.383	0.498	11/13/2023	08:40
34	CCB4		1	100	100	7.25	1.78	0.000	0.001	0.001	0.000	11/13/2023	08:41