



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125082

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102038
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0009

Slope: 0.7642

Regression: 0.999998

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	7.52	1.88	0.000	0.000	0.000	-0.00		04/21/2023	12:00
2	CAL2	0.01	1	100	100	7.42	1.85	0.000	0.009	0.009	0.010	0	04/21/2023	12:01
3	CAL3	0.025	1	100	100	7.46	1.86	0.000	0.020	0.020	0.024	-4	04/21/2023	12:02
4	CAL4	0.05	1	100	100	7.40	1.84	0.000	0.039	0.039	0.049	-2	04/21/2023	12:03
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.078	0.078	0.100	0	04/21/2023	12:04
6	CAL6	0.5	1	100	100	7.42	1.88	0.000	0.383	0.383	0.5	0	04/21/2023	12:05
7	CAL7	1	1	100	100	7.44	1.82	0.000	0.765	0.765	0.999	-0.1	04/21/2023	12:06



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Run Number: LB125082

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	7.48	1.88	0.000	0.383	0.383	0.500	04/21/2023	12:07
2	ICB		1	100	100	7.28	1.85	0.000	0.001	0.001	0.000	04/21/2023	12:08
3	CCV1	0.5	1	100	100	7.50	1.86	0.000	0.384	0.384	0.501	04/21/2023	12:09
4	CCB1		1	100	100	7.26	1.82	0.000	0.001	0.001	0.000	04/21/2023	12:10
5	RL Check	0.01	1	100	100	7.52	1.88	0.000	0.009	0.009	0.011	04/21/2023	12:11
6	PB152272BL		1	2.50	100	7.26	1.82	0.000	0.001	0.001	0.000	04/21/2023	12:12
7	PB152272BS	20	1	2.50	100	7.50	1.90	0.000	0.385	0.385	0.503	04/21/2023	12:13
8	O2389-03		1	2.56	100	7.62	2.18	0.037	0.038	0.001	0.000	04/21/2023	12:14
9	O2389-07		1	2.52	100	7.60	2.20	0.037	0.037	0.000	-0.001	04/21/2023	12:15
10	O2389-11		1	2.55	100	7.68	2.22	0.038	0.039	0.001	0.000	04/21/2023	12:16
11	O2389-15		1	2.53	100	7.64	2.28	0.036	0.037	0.001	0.000	04/21/2023	12:17
12	O2389-19		1	2.54	100	7.70	2.24	0.038	0.038	0.000	-0.001	04/21/2023	12:18
13	O2389-23		1	2.55	100	7.62	2.26	0.036	0.037	0.001	0.000	04/21/2023	12:19
14	O2389-27		1	2.52	100	7.72	2.30	0.037	0.038	0.001	0.000	04/21/2023	12:20
15	O2389-31		1	2.51	100	7.76	2.32	0.037	0.037	0.000	-0.001	04/21/2023	12:21
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.383	0.383	0.500	04/21/2023	12:22
17	CCB2		1	100	100	7.28	1.82	0.000	0.001	0.001	0.000	04/21/2023	12:23
18	O2390-03		1	2.56	100	7.52	2.20	0.038	0.038	0.000	-0.001	04/21/2023	12:24
19	O2390-07		1	2.55	100	7.62	2.24	0.037	0.038	0.001	0.000	04/21/2023	12:25
20	O2390-11		1	2.52	100	7.68	2.30	0.038	0.038	0.000	-0.001	04/21/2023	12:26
21	O2404-01		1	2.53	100	7.64	2.32	0.019	0.020	0.001	0.000	04/21/2023	12:27
22	O2407-03		1	2.53	100	7.66	2.34	0.005	0.006	0.001	0.000	04/21/2023	12:28
23	O2407-03DU		1	2.52	100	7.62	2.22	0.005	0.006	0.001	0.000	04/21/2023	12:29
24	O2407-03MS	40	2	2.51	100	7.64	2.20	0.002	0.362	0.360	0.470	04/21/2023	12:30
25	O2407-03MS	1284	40	2.52	100	7.66	2.22	0.000	0.584	0.584	0.763	04/21/2023	12:31
26	O2407-03MS	40	2	2.52	100	7.62	2.18	0.004	0.373	0.369	0.482	04/21/2023	12:32
27	O2423-03		1	2.51	100	7.62	2.22	0.028	0.029	0.001	0.000	04/21/2023	12:33
28	CCV3	0.5	1	100	100	7.50	1.88	0.000	0.384	0.384	0.501	04/21/2023	12:34
29	CCB3		1	100	100	7.22	1.74	0.000	0.001	0.001	0.000	04/21/2023	12:35
30	O2423-07		1	2.52	100	7.62	2.34	0.030	0.032	0.002	0.001	04/21/2023	12:36
31	O2423-11		1	2.53	100	7.66	2.34	0.038	0.038	0.000	-0.001	04/21/2023	12:37
32	O2423-15		1	2.54	100	7.70	2.28	0.037	0.038	0.001	0.000	04/21/2023	12:38
33	O2425-01		1	2.54	100	7.70	2.32	0.018	0.061	0.043	0.055	04/21/2023	12:39
34	O2426-01		1	2.53	100	7.72	2.30	0.031	0.032	0.001	0.000	04/21/2023	12:40
35	CCV4	0.5	1	100	100	7.52	1.88	0.000	0.383	0.383	0.500	04/21/2023	12:41
36	CCB4		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	04/21/2023	12:42