



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125205

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP102139
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0011

Slope: 0.7636

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	7.34	1.80	0.000	0.000	0.000	-0.00		04/28/2023	12:00
2	CAL2	0.01	1	100	100	7.38	1.90	0.000	0.009	0.009	0.010	0	04/28/2023	12:01
3	CAL3	0.025	1	100	100	7.34	1.88	0.000	0.020	0.020	0.024	-4	04/28/2023	12:02
4	CAL4	0.05	1	100	100	7.36	1.85	0.000	0.039	0.039	0.049	-2	04/28/2023	12:03
5	CAL5	0.1	1	100	100	7.38	1.86	0.000	0.078	0.078	0.100	0	04/28/2023	12:04
6	CAL6	0.5	1	100	100	7.40	1.88	0.000	0.384	0.384	0.501	0.2	04/28/2023	12:05
7	CAL7	1	1	100	100	7.34	1.84	0.000	0.764	0.764	0.999	-0.1	04/28/2023	12:06



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Run Number: LB125205

pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100	7.40	1.92	0.000	0.383	0.383	0.500	04/28/2023	12:07
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	04/28/2023	12:08
3	CCV1	0.5	1	100	100	7.42	1.94	0.000	0.383	0.383	0.500	04/28/2023	12:09
4	CCB1		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	04/28/2023	12:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	04/28/2023	12:11
6	PB152436BL		1	2.50	100	7.28	1.78	0.000	0.001	0.001	0.000	04/28/2023	12:12
7	PB152436BS	20	1	2.50	100	7.38	1.90	0.000	0.385	0.385	0.503	04/28/2023	12:13
8	O2472-01		1	2.53	100	7.52	2.08	0.008	0.022	0.014	0.017	04/28/2023	12:14
9	O2502-01		1	2.52	100	7.56	2.06	0.007	0.008	0.001	0.000	04/28/2023	12:15
10	O2502-08		1	2.51	100	7.52	2.10	0.004	0.006	0.002	0.001	04/28/2023	12:16
11	O2503-01		1	2.54	100	7.58	2.14	0.016	0.017	0.001	0.000	04/28/2023	12:17
12	O2503-08		1	2.52	100	7.56	2.08	0.016	0.017	0.001	0.000	04/28/2023	12:18
13	O2503-15		1	2.52	100	7.52	2.18	0.018	0.020	0.002	0.001	04/28/2023	12:19
14	O2504-01		1	2.54	100	7.50	1.96	0.009	0.016	0.007	0.008	04/28/2023	12:20
15	O2504-08		1	2.51	100	7.52	2.08	0.006	0.008	0.002	0.001	04/28/2023	12:21
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.385	0.385	0.503	04/28/2023	12:22
17	CCB2		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	04/28/2023	12:23
18	O2504-08DU		1	2.51	100	7.50	2.08	0.006	0.008	0.002	0.001	04/28/2023	12:24
19	O2504-08MS	40	2	2.52	100	7.52	2.06	0.008	0.348	0.340	0.444	04/28/2023	12:25
20	O2504-08MS	1284	40	2.52	100	7.56	2.10	0.000	0.494	0.494	0.645	04/28/2023	12:26
21	O2504-08MS	40	2	2.51	100	7.54	2.06	0.010	0.351	0.341	0.445	04/28/2023	12:27
22	O2504-15		1	2.54	100	7.62	2.10	0.009	0.012	0.003	0.002	04/28/2023	12:28
23	CCV3	0.5	1	100	100	7.36	1.92	0.000	0.384	0.384	0.501	04/28/2023	12:29
24	CCB3		1	100	100	7.26	1.80	0.000	0.001	0.001	0.000	04/28/2023	12:30