



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124581

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP101579
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.001

Slope: 0.7646

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	7.34	1.96	0.000	0.000	0.000	-0.00		03/20/2023	15:00
2	CAL2	0.01	1	100	100	7.52	1.98	0.000	0.008	0.008	0.009	-10	03/20/2023	15:01
3	CAL3	0.025	1	100	100	7.36	2.02	0.000	0.020	0.020	0.024	-4	03/20/2023	15:02
4	CAL4	0.05	1	100	100	7.28	2.08	0.000	0.039	0.039	0.049	-2	03/20/2023	15:03
5	CAL5	0.1	1	100	100	7.34	2.08	0.000	0.079	0.079	0.102	2	03/20/2023	15:04
6	CAL6	0.5	1	100	100	7.26	2.08	0.000	0.384	0.384	0.500	0	03/20/2023	15:05
7	CAL7	1	1	100	100	7.32	2.20	0.000	0.765	0.765	0.999	-0.1	03/20/2023	15:06



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Run Number: LB124581

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	7.38	2.18	0.000	0.383	0.383	0.500	03/20/2023	15:07
2	ICB		1	100	100	7.18	1.90	0.000	0.001	0.001	0.000	03/20/2023	15:08
3	CCV1	0.5	1	100	100	7.34	2.12	0.000	0.383	0.383	0.500	03/20/2023	15:09
4	CCB1		1	100	100	7.20	2.00	0.000	0.001	0.001	0.000	03/20/2023	15:10
5	RL Check	0.01	1	100	100	7.42	2.18	0.000	0.009	0.009	0.010	03/20/2023	15:11
6	PB151504BL		1	2.50	100	7.30	1.98	0.000	0.001	0.001	0.000	03/20/2023	15:12
7	PB151504BS	20	1	2.50	100	7.52	2.08	0.000	0.385	0.385	0.502	03/20/2023	15:13
8	O1954-01		1	2.56	100	7.62	2.04	0.022	0.024	0.002	0.001	03/20/2023	15:14
9	O1954-03		1	2.52	100	7.36	2.08	0.037	0.038	0.001	0.000	03/20/2023	15:15
10	O1954-05		1	2.55	100	7.34	2.20	0.032	0.032	0.000	-0.001	03/20/2023	15:16
11	O1954-07		1	2.54	100	7.40	2.16	0.038	0.039	0.001	0.000	03/20/2023	15:17
12	O1954-09		1	2.51	100	7.48	1.96	0.037	0.038	0.001	0.000	03/20/2023	15:18
13	O1963-01		1	2.55	100	7.60	1.88	0.019	0.020	0.001	0.000	03/20/2023	15:19
14	O1964-01		1	2.57	100	7.72	2.20	0.038	0.039	0.001	0.000	03/20/2023	15:20
15	O1964-04		1	2.53	100	7.34	2.10	0.037	0.038	0.001	0.000	03/20/2023	15:21
16	CCV2	0.5	1	100	100	7.52	2.28	0.000	0.383	0.383	0.500	03/20/2023	15:22
17	CCB2		1	100	100	7.28	1.88	0.000	0.001	0.001	0.000	03/20/2023	15:23
18	O1964-07		1	2.56	100	7.62	2.08	0.024	0.026	0.002	0.001	03/20/2023	15:24
19	O1964-10		1	2.55	100	7.68	2.08	0.036	0.038	0.002	0.001	03/20/2023	15:25
20	O1965-01		1	2.53	100	7.52	2.06	0.009	0.022	0.013	0.016	03/20/2023	15:26
21	O1965-02		1	2.52	100	7.50	2.14	0.018	0.028	0.010	0.012	03/20/2023	15:27
22	O1965-03		1	2.54	100	7.54	2.10	0.029	0.030	0.001	0.000	03/20/2023	15:28
23	O2001-01		1	2.52	100	7.62	1.96	0.037	0.039	0.002	0.001	03/20/2023	15:29
24	O2001-04		1	2.56	100	7.66	2.00	0.036	0.037	0.001	0.000	03/20/2023	15:30
25	O2001-07		1	2.54	100	7.70	2.04	0.023	0.025	0.002	0.001	03/20/2023	15:31
26	O2002-01		1	2.55	100	7.34	1.96	0.005	0.007	0.002	0.001	03/20/2023	15:32
27	O2002-01DU		1	2.55	100	7.32	1.98	0.006	0.008	0.002	0.001	03/20/2023	15:33
28	CCV3	0.5	1	100	100	7.36	2.08	0.000	0.384	0.384	0.501	03/20/2023	15:34
29	CCB3		1	100	100	7.18	1.98	0.000	0.001	0.001	0.000	03/20/2023	15:35
30	O2002-01MS	40	2	2.54	100	7.52	2.08	0.024	0.367	0.343	0.447	03/20/2023	15:36
31	O2002-01MS	1284	40	2.52	100	7.56	2.14	0.006	0.612	0.606	0.791	03/20/2023	15:37
32	O2002-01MS	40	2	2.55	100	7.60	2.06	0.018	0.405	0.387	0.505	03/20/2023	15:38
33	CCV4	0.5	1	100	100	7.30	2.00	0.000	0.385	0.385	0.502	03/20/2023	15:39
34	CCB4		1	100	100	7.28	1.94	0.000	0.001	0.001	0.000	03/20/2023	15:40