



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123867

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100761
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

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	7.28	1.96	0.000	0.000	0.000	-0.00		01/31/2023	11:30
2	CAL2	0.01	1	100	100	7.52	2.08	0.000	0.009	0.009	0.010	0	01/31/2023	11:31
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.020	0.020	0.024	4	01/31/2023	11:32
4	CAL4	0.05	1	100	100	7.60	2.10	0.000	0.039	0.039	0.049	2	01/31/2023	11:33
5	CAL5	0.1	1	100	100	7.34	2.22	0.000	0.078	0.078	0.100	0	01/31/2023	11:34
6	CAL6	0.5	1	100	100	7.18	1.96	0.000	0.384	0.384	0.501	-0.2	01/31/2023	11:35
7	CAL7	1	1	100	100	7.72	2.08	0.000	0.764	0.764	0.999	0.1	01/31/2023	11:36



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Run Number: LB123867

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	7.58	1.96	0.000	0.385	0.385	0.503	01/31/2023	11:37
2	ICB		1	100	100	7.28	1.88	0.000	0.001	0.001	0.000	01/31/2023	11:38
3	CCV1	0.5	1	100	100	7.38	2.10	0.000	0.383	0.383	0.500	01/31/2023	11:39
4	CCB1		1	100	100	7.32	2.18	0.000	0.001	0.001	0.000	01/31/2023	11:40
5	RL Check	0.01	1	100	100	7.64	2.12	0.000	0.009	0.009	0.010	01/31/2023	11:41
6	PB150524BL		1	2.50	100	7.71	2.08	0.000	0.001	0.001	0.000	01/31/2023	11:42
7	PB150524BS	20	1	2.50	100	7.82	1.96	0.000	0.383	0.383	0.500	01/31/2023	11:43
8	O1322-01		1	2.56	100	7.28	1.85	0.017	0.019	0.002	0.001	01/31/2023	11:44
9	O1322-01DU		1	2.54	100	7.52	2.06	0.017	0.019	0.002	0.001	01/31/2023	11:45
10	O1322-01MS	40	2	2.55	100	7.48	1.88	0.009	0.328	0.319	0.416	01/31/2023	11:46
11	O1322-01MS	1284	40	2.52	100	7.34	2.10	0.005	0.613	0.608	0.795	01/31/2023	11:47
12	O1322-01MS	40	2	2.51	100	7.34	1.96	0.011	0.372	0.361	0.471	01/31/2023	11:48
13	O1328-01		1	2.57	100	7.18	1.90	0.003	0.004	0.001	0.000	01/31/2023	11:49
14	O1328-06		1	2.52	100	7.52	1.84	0.030	0.032	0.002	0.001	01/31/2023	11:50
15	O1328-11		1	2.53	100	7.60	2.14	0.004	0.006	0.002	0.001	01/31/2023	11:51
16	CCV2	0.5	1	100	100	7.76	1.96	0.000	0.384	0.384	0.501	01/31/2023	11:52
17	CCB2		1	100	100	7.34	2.08	0.000	0.001	0.001	0.000	01/31/2023	11:53
18	O1328-16		1	2.55	100	7.28	1.88	0.004	0.005	0.001	0.000	01/31/2023	11:54
19	O1328-21		1	2.56	100	7.18	2.20	0.019	0.020	0.001	0.000	01/31/2023	11:55
20	O1329-01		1	2.56	100	7.14	1.96	0.012	0.014	0.002	0.001	01/31/2023	11:56
21	O1329-06		1	2.57	100	7.36	2.21	0.001	0.001	0.000	-0.001	01/31/2023	11:57
22	O1329-11		1	2.52	100	7.22	1.96	0.007	0.008	0.001	0.000	01/31/2023	11:58
23	O1329-16		1	2.55	100	7.34	2.08	0.014	0.016	0.002	0.001	01/31/2023	11:59
24	O1333-01		1	2.51	100	7.28	1.72	0.034	0.036	0.002	0.001	01/31/2023	12:00
25	O1333-04		1	2.53	100	7.34	2.08	0.010	0.011	0.001	0.000	01/31/2023	12:01
26	O1337-01		1	2.55	100	7.50	1.88	0.007	0.008	0.001	0.000	01/31/2023	12:02
27	O1352-01		1	2.51	100	7.62	1.96	0.009	0.010	0.001	0.000	01/31/2023	12:03
28	CCV3	0.5	1	100	100	7.34	2.18	0.000	0.385	0.385	0.503	01/31/2023	12:04
29	CCB3		1	100	100	7.36	1.96	0.000	0.001	0.001	0.000	01/31/2023	12:05
30	O1356-01		1	2.54	100	7.52	2.08	0.007	0.009	0.002	0.001	01/31/2023	12:06
31	O1360-01		1	2.58	100	7.82	2.24	0.034	0.036	0.002	0.001	01/31/2023	12:07
32	O1363-01		1	2.53	100	7.34	1.96	0.029	0.031	0.002	0.001	01/31/2023	12:08
33	O1366-01		1	2.57	100	7.80	1.88	0.036	0.038	0.002	0.001	01/31/2023	12:09
34	CCV4	0.5	1	100	100	7.68	1.85	0.000	0.383	0.383	0.500	01/31/2023	12:10
35	CCB4		1	100	100	7.34	2.08	0.000	0.001	0.001	0.000	01/31/2023	12:11