



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB123608

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100481
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP98731

Intercept: 0.001

Slope: 0.7685

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		01/10/2023	12:10
2	CAL2	0.01	1	100	100	7.28	2.08	0.000	0.009	0.009	0.010	0	01/10/2023	12:11
3	CAL3	0.025	1	100	100	7.18	1.85	0.000	0.020	0.020	0.024	4	01/10/2023	12:12
4	CAL4	0.05	1	100	100	7.34	1.98	0.000	0.040	0.040	0.050	0	01/10/2023	12:13
5	CAL5	0.1	1	100	100	7.52	2.06	0.000	0.079	0.079	0.101	-1	01/10/2023	12:14
6	CAL6	0.5	1	100	100	7.14	2.09	0.000	0.384	0.384	0.498	0.4	01/10/2023	12:15
7	CAL7	1	1	100	100	7.80	2.30	0.000	0.770	0.770	1.000	0	01/10/2023	12:16



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Run Number: LB123608

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	7.62	1.96	0.000	0.383	0.383	0.497	01/10/2023	12:17
2	ICB		1	100	100	7.54	2.08	0.000	0.002	0.002	0.001	01/10/2023	12:18
3	CCV1	0.5	1	100	100	7.34	1.85	0.000	0.386	0.386	0.501	01/10/2023	12:19
4	CCB1		1	100	100	7.28	2.06	0.000	0.001	0.001	0.000	01/10/2023	12:20
5	RL Check	0.01	1	100	100	7.36	1.96	0.000	0.008	0.008	0.009	01/10/2023	12:21
6	PB150135BL		1	2.50	100	7.52	1.85	0.000	0.001	0.001	0.000	01/10/2023	12:22
7	PB150135BS	20	1	2.50	100	7.65	1.88	0.000	0.385	0.385	0.500	01/10/2023	12:23
8	O1027-01		1	2.54	100	7.84	2.30	0.033	0.034	0.001	0.000	01/10/2023	12:24
9	O1029-01		1	2.58	100	7.60	2.32	0.038	0.039	0.001	0.000	01/10/2023	12:25
10	O1029-04		1	2.57	100	7.84	2.10	0.033	0.034	0.001	0.000	01/10/2023	12:26
11	O1030-01		1	2.53	100	7.68	2.18	0.036	0.037	0.001	0.000	01/10/2023	12:27
12	O1043-01		1	2.52	100	7.34	2.20	0.031	0.032	0.001	0.000	01/10/2023	12:28
13	O1043-04		1	2.56	100	7.36	1.80	0.033	0.034	0.001	0.000	01/10/2023	12:29
14	O1043-04DU		1	2.56	100	7.87	2.28	0.034	0.035	0.001	0.000	01/10/2023	12:30
15	O1043-04MS	40	2	2.52	100	7.34	2.34	0.036	0.339	0.303	0.393	01/10/2023	12:31
16	CCV2	0.5	1	100	100	7.52	2.08	0.000	0.384	0.384	0.498	01/10/2023	12:32
17	CCB2		1	100	100	7.74	2.08	0.000	0.002	0.002	0.001	01/10/2023	12:33
18	O1043-04MS	1284	40	2.56	100	7.34	1.88	0.004	0.620	0.616	0.800	01/10/2023	12:34
19	O1043-04MS	40	2	2.55	100	7.14	2.42	0.003	0.376	0.373	0.484	01/10/2023	12:35
20	O1047-01		1	2.52	100	7.52	2.24	0.038	0.039	0.001	0.000	01/10/2023	12:36
21	O1048-01		1	2.58	100	7.82	2.08	0.035	0.036	0.001	0.000	01/10/2023	12:37
22	O1053-01		1	2.52	100	7.67	1.88	0.032	0.033	0.001	0.000	01/10/2023	12:38
23	O1062-01		1	2.54	100	7.34	1.98	0.017	0.019	0.002	0.001	01/10/2023	12:39
24	O1062-02		1	2.54	100	7.28	2.32	0.042	0.044	0.002	0.001	01/10/2023	12:40
25	O1062-03		1	2.52	100	7.18	2.18	0.016	0.017	0.001	0.000	01/10/2023	12:41
26	O1062-04		1	2.57	100	7.28	2.25	0.018	0.020	0.002	0.001	01/10/2023	12:42
27	O1062-05		1	2.54	100	7.85	1.96	0.030	0.032	0.002	0.001	01/10/2023	12:43
28	CCV3	0.5	1	100	100	7.70	2.08	0.000	0.384	0.384	0.498	01/10/2023	12:44
29	CCB3		1	100	100	7.68	1.85	0.000	0.001	0.001	0.000	01/10/2023	12:45
30	O1065-01		1	2.56	100	7.76	1.85	0.004	0.005	0.001	0.000	01/10/2023	12:46
31	O1069-01		1	2.58	100	7.34	2.08	0.000	0.000	0.000	-0.001	01/10/2023	12:47
32	O1083-01		1	2.52	100	7.28	1.85	0.002	0.004	0.002	0.001	01/10/2023	12:48
33	O1089-01		1	2.56	100	7.36	2.20	0.009	0.009	0.000	-0.001	01/10/2023	12:49
34	O1089-03		1	2.51	100	7.18	2.30	0.007	0.008	0.001	0.000	01/10/2023	12:50
35	O1089-05		1	2.57	100	7.28	2.08	0.006	0.006	0.000	-0.001	01/10/2023	12:51
36	CCV4	0.5	1	100	100	7.36	1.96	0.000	0.385	0.385	0.500	01/10/2023	12:52
37	CCB4		1	100	100	7.62	1.88	0.000	0.002	0.002	0.001	01/10/2023	12:53