



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124092

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP100933
5N sulfuric acid	WP99758
HNO3 Hex-Chrome, 5M	WP99757
Hexchrome Cleaning Solution	WP100882

Intercept: 0.0008

Slope: 0.7635

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	7.28	1.96	0.000	0.000	0.000	-0.00		02/15/2023	11:45
2	CAL2	0.01	1	100	100	7.34	2.08	0.000	0.008	0.008	0.009	-10	02/15/2023	11:46
3	CAL3	0.025	1	100	100	7.28	2.08	0.000	0.020	0.020	0.025	0	02/15/2023	11:47
4	CAL4	0.05	1	100	100	7.36	1.85	0.000	0.039	0.039	0.050	0	02/15/2023	11:48
5	CAL5	0.1	1	100	100	7.34	1.88	0.000	0.078	0.078	0.101	1	02/15/2023	11:49
6	CAL6	0.5	1	100	100	7.52	1.85	0.000	0.383	0.383	0.500	0	02/15/2023	11:50
7	CAL7	1	1	100	100	7.62	2.20	0.000	0.764	0.764	0.999	-0.1	02/15/2023	11:51

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Run Number: LB124092

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	7.70	1.96	0.000	0.384	0.384	0.502	02/15/2023	11:52
2	ICB		1	100	100	7.28	1.96	0.000	0.001	0.001	0.000	02/15/2023	11:53
3	CCV1	0.5	1	100	100	7.34	1.85	0.000	0.385	0.385	0.503	02/15/2023	11:54
4	CCB1		1	100	100	7.58	1.98	0.000	0.001	0.001	0.000	02/15/2023	11:55
5	RL Check	0.01	1	100	100	7.28	2.06	0.000	0.009	0.009	0.011	02/15/2023	11:56
6	PB150869BL		1	2.50	100	7.34	2.20	0.000	0.001	0.001	0.000	02/15/2023	11:57
7	PB150869BS	20	1	2.50	100	7.28	2.18	0.000	0.384	0.384	0.502	02/15/2023	11:58
8	O1466-06		1	2.56	100	7.34	1.96	0.007	0.008	0.001	0.000	02/15/2023	11:59
9	O1466-06DU		1	2.52	100	7.52	2.28	0.006	0.007	0.001	0.000	02/15/2023	12:00
10	O1466-06MS	40	2	2.53	100	7.58	2.08	0.006	0.329	0.323	0.422	02/15/2023	12:01
11	O1466-06MS	1284	40	2.54	100	7.62	2.08	0.006	0.614	0.608	0.795	02/15/2023	12:02
12	O1466-06MS	40	2	2.57	100	7.68	1.88	0.007	0.382	0.375	0.490	02/15/2023	12:03
13	O1526-01		1	2.56	100	7.72	2.06	0.019	0.021	0.002	0.002	02/15/2023	12:04
14	O1528-01		1	2.54	100	7.44	2.12	0.015	0.017	0.002	0.002	02/15/2023	12:05
15	O1537-01		1	2.52	100	7.42	1.96	0.003	0.005	0.002	0.002	02/15/2023	12:06
16	CCV2	0.5	1	100	100	7.28	2.08	0.000	0.384	0.384	0.502	02/15/2023	12:07
17	CCB2		1	100	100	7.34	2.06	0.000	0.001	0.001	0.000	02/15/2023	12:08
18	O1537-09		1	2.54	100	7.28	1.98	0.008	0.009	0.001	0.000	02/15/2023	12:09
19	O1537-16		1	2.56	100	7.28	2.32	0.004	0.006	0.002	0.002	02/15/2023	12:10
20	O1538-01		1	2.56	100	7.18	2.14	0.006	0.007	0.001	0.000	02/15/2023	12:11
21	O1538-08		1	2.53	100	7.52	2.18	0.004	0.005	0.001	0.000	02/15/2023	12:12
22	O1538-15		1	2.55	100	7.64	2.22	0.004	0.005	0.001	0.000	02/15/2023	12:13
23	O1539-01		1	2.52	100	7.68	1.96	0.003	0.005	0.002	0.002	02/15/2023	12:14
24	O1539-09		1	2.56	100	7.74	2.08	0.006	0.006	0.000	-0.001	02/15/2023	12:15
25	O1542-01		1	2.54	100	7.28	1.85	0.012	0.014	0.002	0.002	02/15/2023	14:16
26	CCV3	0.5	1	100	100	7.34	2.06	0.000	0.384	0.384	0.502	02/15/2023	12:17
27	CCB3		1	100	100	7.52	2.08	0.000	0.001	0.001	0.000	02/15/2023	12:18