



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129581

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106629
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0012

Slope: 0.7646

Regression: 0.999996

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	7.26	1.76	0.000	0.000	0.000	-0.00		02/19/2024	11:40
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.009	0.009	0.010	0	02/19/2024	11:41
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.021	0.021	0.025	0	02/19/2024	11:42
4	CAL4	0.05	1	100	100	7.36	1.85	0.000	0.039	0.039	0.049	-2	02/19/2024	11:43
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.079	0.079	0.101	1	02/19/2024	11:44
6	CAL6	0.5	1	100	100	7.41	1.92	0.000	0.383	0.383	0.499	-0.2	02/19/2024	11:45
7	CAL7	1	1	100	100	7.37	1.87	0.000	0.766	0.766	1.000	0	02/19/2024	11:46



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Run Number: LB129581

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	7.41	1.85	0.000	0.385	0.385	0.502	02/19/2024	11:47
2	ICB		1	100	100	7.24	1.77	0.000	0.001	0.001	0.000	02/19/2024	11:48
3	CCV1	0.5	1	100	100	7.43	1.88	0.000	0.386	0.386	0.503	02/19/2024	11:49
4	CCB1		1	100	100	7.26	1.74	0.000	0.001	0.001	0.000	02/19/2024	11:50
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.010	0.010	0.012	02/19/2024	11:51
6	PB158987BL		1	2.50	100	7.25	1.76	0.000	0.001	0.001	0.000	02/19/2024	11:52
7	PB158987BS	20	1	2.50	100	7.42	1.91	0.000	0.383	0.383	0.499	02/19/2024	11:53
8	P1461-01		1	2.52	100	7.52	2.08	0.001	0.001	0.000	-0.002	02/19/2024	11:54
9	P1461-04		1	2.55	100	7.62	2.10	0.001	0.001	0.000	-0.002	02/19/2024	11:55
10	P1463-01		1	2.53	100	7.58	2.06	0.011	0.012	0.001	0.000	02/19/2024	11:56
11	P1505-01		1	2.53	100	7.52	2.04	0.002	0.003	0.001	0.000	02/19/2024	11:57
12	P1505-01DU		1	2.54	100	7.54	2.06	0.003	0.003	0.000	-0.002	02/19/2024	11:58
13	P1505-01MS	40	2	2.52	100	7.52	2.06	0.000	0.324	0.324	0.422	02/19/2024	11:59
14	P1505-01MS	1284	40	2.54	100	7.52	2.04	0.000	0.599	0.599	0.782	02/19/2024	12:00
15	P1505-01MS	40	2	2.53	100	7.56	2.08	0.000	0.383	0.383	0.499	02/19/2024	12:01
16	CCV2	0.5	1	100	100	7.44	1.85	0.000	0.384	0.384	0.501	02/19/2024	12:02
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	02/19/2024	12:03
18	P1505-05		1	2.54	100	7.60	2.12	0.003	0.004	0.001	0.000	02/19/2024	12:04
19	P1505-09		1	2.53	100	7.56	2.06	0.002	0.011	0.009	0.010	02/19/2024	12:05
20	P1505-13		1	2.53	100	7.52	2.14	0.005	0.007	0.002	0.001	02/19/2024	12:06
21	P1514-01		1	2.52	100	7.62	2.10	0.015	0.016	0.001	0.000	02/19/2024	12:07
22	CCV3	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.502	02/19/2024	12:08
23	CCB3		1	100	100	7.25	1.74	0.000	0.001	0.001	0.000	02/19/2024	12:09