

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130370

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107512
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0014

Slope: 0.7652

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	7.35	1.85	0.000	0.000	0.000	-0.00		04/18/2024	10:30
2	CAL2	0.01	1	100	100	7.26	1.76	0.000	0.009	0.009	0.009	-10	04/18/2024	10:31
3	CAL3	0.025	1	100	100	7.37	1.88	0.000	0.021	0.021	0.025	0	04/18/2024	10:32
4	CAL4	0.05	1	100	100	7.38	1.84	0.000	0.039	0.039	0.049	-2	04/18/2024	10:33
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	04/18/2024	10:34
6	CAL6	0.5	1	100	100	7.43	1.91	0.000	0.385	0.385	0.501	0.2	04/18/2024	10:35
7	CAL7	1	1	100	100	7.36	1.87	0.000	0.766	0.766	0.999	-0.1	04/18/2024	10:36



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Run Number: LB130370

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	7.42	1.90	0.000	0.385	0.385	0.501	04/18/2024	10:37
2	ICB		1	100	100	7.29	1.79	0.000	0.001	0.001	-0.001	04/18/2024	10:38
3	CCV1	0.5	1	100	100	7.42	1.50	0.000	0.385	0.385	0.501	04/18/2024	10:39
4	CCB1		1	100	100	7.28	1.76	0.000	0.001	0.001	-0.001	04/18/2024	10:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.011	04/18/2024	10:41
6	PB160337BL		1	2.50	100	7.28	1.74	0.000	0.001	0.001	-0.001	04/18/2024	10:42
7	PB160337BS	20	1	2.50	100	7.42	1.92	0.000	0.385	0.385	0.501	04/18/2024	10:43
8	P2150-01		1	2.51	100	7.38	2.05	0.017	0.019	0.002	0.001	04/18/2024	10:44
9	P2150-01DU		1	2.52	100	7.38	2.03	0.003	0.004	0.001	-0.001	04/18/2024	10:45
10	P2150-01MS	40	2	2.53	100	7.54	2.09	0.008	0.321	0.313	0.407	04/18/2024	10:46
11	P2150-01MS	1284	40	2.52	100	2.00	2.00	0.000	0.622	0.622	0.811	04/18/2024	10:47
12	P2150-01MS	40	2	2.53	100	7.51	2.09	0.014	0.416	0.402	0.524	04/18/2024	10:48
13	P2151-02		1	2.53	100	7.50	2.08	0.022	0.023	0.001	-0.001	04/18/2024	10:49
14	CCV2	0.5	1	100	100	7.42	1.50	0.000	0.385	0.385	0.501	04/18/2024	10:50
15	CCB2		1	100	100	7.28	1.76	0.000	0.001	0.001	-0.001	04/18/2024	10:51