



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128457

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP105421
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0022

Slope: 0.7682

Regression: 0.999993

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	7.27	1.76	0.000	0.000	0.000	-0.00		11/27/2023	11:20
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.010	0.010	0.010	0	11/27/2023	11:21
3	CAL3	0.025	1	100	100	7.38	1.86	0.000	0.022	0.022	0.025	0	11/27/2023	11:22
4	CAL4	0.05	1	100	100	7.36	1.87	0.000	0.041	0.041	0.050	0	11/27/2023	11:23
5	CAL5	0.1	1	100	100	7.38	1.85	0.000	0.080	0.080	0.101	1	11/27/2023	11:24
6	CAL6	0.5	1	100	100	7.40	1.92	0.000	0.387	0.387	0.500	0	11/27/2023	11:25
7	CAL7	1	1	100	100	7.36	1.87	0.000	0.770	0.770	0.999	-0.1	11/27/2023	11:26



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Run Number: LB128457

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	1.93	0.000	0.385	0.385	0.498	11/27/2023	11:27
2	ICB		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.002	11/27/2023	11:28
3	CCV1	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.496	11/27/2023	11:29
4	CCB1		1	100	100	7.25	1.75	0.000	0.001	0.001	-0.002	11/27/2023	11:30
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.010	11/27/2023	11:31
6	PB157413BL		1	2.50	100	7.25	1.76	0.000	0.001	0.001	-0.002	11/27/2023	11:32
7	PB157413BS	20	1	2.50	100	7.42	1.91	0.000	0.386	0.386	0.500	11/27/2023	11:33
8	O5539-01		1	2.56	100	7.52	2.04	0.008	0.010	0.002	0.000	11/27/2023	11:34
9	O5539-01DU		1	2.55	100	7.54	2.06	0.009	0.010	0.001	-0.002	11/27/2023	11:35
10	O5539-01MS	40	2	2.53	100	7.56	2.06	0.004	0.339	0.335	0.433	11/27/2023	11:36
11	O5539-01MS	1284	40	2.54	100	7.52	2.04	0.000	0.590	0.590	0.765	11/27/2023	11:37
12	O5539-01MS	40	2	2.55	100	7.54	2.06	0.003	0.386	0.383	0.496	11/27/2023	11:38
13	O5540-01		1	2.56	100	7.58	2.04	0.018	0.018	0.000	-0.003	11/27/2023	11:39
14	CCV2	0.5	1	100	100	7.42	1.94	0.000	0.385	0.385	0.498	11/27/2023	11:40
15	CCB2		1	100	100	7.26	1.77	0.000	0.001	0.001	-0.002	11/27/2023	11:41