



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129487

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106531
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0015

Slope: 0.7675

Regression: 0.999994

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	1.74	0.000	0.000	0.000	-0.00		02/12/2024	11:30
2	CAL2	0.01	1	100	100	7.36	1.87	0.000	0.010	0.010	0.011	10	02/12/2024	11:31
3	CAL3	0.025	1	100	100	7.38	1.84	0.000	0.020	0.020	0.024	-4	02/12/2024	11:32
4	CAL4	0.05	1	100	100	7.39	1.87	0.000	0.040	0.040	0.050	0	02/12/2024	11:33
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	02/12/2024	11:34
6	CAL6	0.5	1	100	100	7.35	1.88	0.000	0.385	0.385	0.499	-0.2	02/12/2024	11:35
7	CAL7	1	1	100	100	7.37	1.85	0.000	0.769	0.769	1	0	02/12/2024	11:36



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Nikita

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129487

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	7.38	1.92	0.000	0.386	0.386	0.501	02/12/2024	11:37
2	ICB		1	100	100	7.25	1.74	0.000	0.001	0.001	-0.001	02/12/2024	11:38
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.497	02/12/2024	11:39
4	CCB1		1	100	100	7.27	1.77	0.000	0.001	0.001	-0.001	02/12/2024	11:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	02/12/2024	11:41
6	PB158889BL		1	2.50	100	7.25	1.78	0.000	0.001	0.001	-0.001	02/12/2024	11:42
7	PB158889BS	20	1	2.50	100	7.41	1.91	0.000	0.385	0.385	0.500	02/12/2024	11:43
8	P1339-01		1	2.54	100	7.62	2.08	0.007	0.008	0.001	-0.001	02/12/2024	11:44
9	P1339-01DU		1	2.53	100	7.52	2.08	0.008	0.009	0.001	-0.001	02/12/2024	11:45
10	P1339-01MS	40	2	2.53	100	7.54	2.04	0.006	0.311	0.305	0.395	02/12/2024	11:46
11	P1339-01MS	1284	40	2.54	100	7.62	2.04	0.000	0.623	0.623	0.810	02/12/2024	11:47
12	P1339-01MS	40	2	2.51	100	7.58	2.05	0.006	0.375	0.369	0.479	02/12/2024	11:48
13	P1411-01		1	2.52	100	7.54	2.14	0.020	0.022	0.002	0.001	02/12/2024	11:49
14	P1412-01		1	2.54	100	7.62	2.16	0.019	0.020	0.001	-0.001	02/12/2024	11:50
15	P1423-01		1	2.55	100	7.60	2.12	0.006	0.007	0.001	-0.001	02/12/2024	11:51
16	CCV2	0.5	1	100	100	7.44	1.92	0.000	0.383	0.383	0.497	02/12/2024	11:52
17	CCB2		1	100	100	7.26	1.78	0.000	0.001	0.001	-0.001	02/12/2024	11:53
18	P1435-01		1	2.51	100	7.64	2.16	0.024	0.025	0.001	-0.001	02/12/2024	11:54
19	P1446-01		1	2.55	100	7.66	2.12	0.005	0.005	0.000	-0.002	02/12/2024	11:55
20	P1449-01		1	2.53	100	7.52	2.10	0.030	0.031	0.001	-0.001	02/12/2024	11:56
21	P1453-01		1	2.55	100	7.58	2.20	0.010	0.012	0.002	0.001	02/12/2024	11:57
22	P1453-05		1	2.52	100	7.56	2.06	0.018	0.019	0.001	-0.001	02/12/2024	11:58
23	CCV3	0.5	1	100	100	7.42	1.94	0.000	0.384	0.384	0.498	02/12/2024	11:59
24	CCB3		1	100	100	7.64	1.75	0.000	0.001	0.001	-0.001	02/12/2024	12:00