



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126698

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP103474
5N sulfuric acid	WP102263
HNO3 Hex-Chrome, 5M	WP102262
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0011

Slope: 0.7688

Regression: 0.999997

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	7.30	1.78	0.000	0.000	0.000	-0.00		08/02/2023	11:00
2	CAL2	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	0	08/02/2023	11:01
3	CAL3	0.025	1	100	100	7.38	1.87	0.000	0.021	0.021	0.025	0	08/02/2023	11:02
4	CAL4	0.05	1	100	100	7.38	1.87	0.000	0.039	0.039	0.049	-2	08/02/2023	11:03
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.079	0.079	0.101	1	08/02/2023	11:04
6	CAL6	0.5	1	100	100	7.43	1.91	0.000	0.385	0.385	0.499	-0.2	08/02/2023	11:05
7	CAL7	1	1	100	100	7.37	1.88	0.000	0.770	0.770	1.000	0	08/02/2023	11:06



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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	7.43	1.92	0.000	0.383	0.383	0.497	08/02/2023	11:07
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	08/02/2023	11:08
3	CCV1	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.499	08/02/2023	11:09
4	CCB1		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	08/02/2023	11:10
5	RL Check	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	08/02/2023	11:12
6	PB154521BL		1	2.50	100	7.28	1.80	0.000	0.001	0.001	0.000	08/02/2023	11:13
7	PB154521BS	20	1	2.50	100	7.37	1.93	0.000	0.383	0.383	0.497	08/02/2023	11:14
8	O3835-01		1	2.54	100	7.52	2.08	0.004	0.006	0.002	0.001	08/02/2023	11:15
9	O3835-01DU		1	2.53	100	7.50	2.06	0.005	0.006	0.001	0.000	08/02/2023	11:16
10	O3835-01MS	40	2	2.54	100	7.52	2.08	0.001	0.309	0.308	0.399	08/02/2023	11:17
11	O3835-01MS	1284	40	2.53	100	7.50	2.06	0.000	0.501	0.501	0.650	08/02/2023	11:18
12	O3835-01MS	40	2	2.53	100	7.54	2.10	0.003	0.378	0.375	0.486	08/02/2023	11:19
13	O3848-01		1	2.56	100	7.62	2.10	0.006	0.007	0.001	0.000	08/02/2023	11:20
14	O3849-01		1	2.53	100	7.58	2.08	0.013	0.013	0.000	-0.001	08/02/2023	11:21
15	O3854-01		1	2.54	100	7.60	2.14	0.030	0.032	0.002	0.001	08/02/2023	11:22
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.498	08/02/2023	11:23
17	CCB2		1	100	100	7.28	1.78	0.000	0.001	0.001	0.000	08/02/2023	11:24