

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132801

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109994
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0017

Slope: 0.7637

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	7.30	1.79	0.000	0.000	0.000	-0.00		10/07/2024	12:00
2	CAL2	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.009	-10	10/07/2024	12:01
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	10/07/2024	12:02
4	CAL4	0.05	1	100	100	7.35	1.85	0.000	0.040	0.040	0.050	0	10/07/2024	12:03
5	CAL5	0.1	1	100	100	7.39	1.86	0.000	0.080	0.080	0.102	2	10/07/2024	12:04
6	CAL6	0.5	1	100	100	7.36	1.89	0.000	0.384	0.384	0.500	0	10/07/2024	12:05
7	CAL7	1	1	100	100	7.38	1.91	0.000	0.765	0.765	0.999	-0.1	10/07/2024	12:06



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Run Number: LB132801

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	7.35	1.96	0.000	0.386	0.386	0.503	10/07/2024	12:07
2	ICB		1	100	100	7.40	1.78	0.000	0.001	0.001	-0.001	10/07/2024	12:08
3	CCV1	0.5	1	100	100	7.33	1.94	0.000	0.383	0.383	0.499	10/07/2024	12:09
4	CCB1		1	100	100	7.27	1.76	0.000	0.000	0.000	-0.002	10/07/2024	12:10
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.009	0.009	0.010	10/07/2024	12:11
6	PB163871BL		1	2.50	100	7.28	1.76	0.000	0.001	0.001	-0.001	10/07/2024	12:12
7	PB163871BS	20	1	2.50	100	7.45	1.96	0.000	0.385	0.385	0.502	10/07/2024	12:13
8	P4270-01		1	2.53	100	7.52	2.10	0.020	0.021	0.001	-0.001	10/07/2024	12:14
9	P4276-01		1	2.51	100	7.60	2.20	0.004	0.006	0.002	0.000	10/07/2024	12:15
10	P4290-01		1	2.52	100	7.52	2.10	0.000	0.001	0.001	-0.001	10/07/2024	12:16
11	P4290-01DU		1	2.53	100	7.58	2.14	0.000	0.001	0.001	-0.001	10/07/2024	12:17
12	P4290-01MS	40	2	2.52	100	7.56	2.14	0.000	0.328	0.328	0.427	10/07/2024	12:18
13	P4290-01MS	1284	40	2.53	100	7.52	2.10	0.000	0.616	0.616	0.804	10/07/2024	12:19
14	P4290-01MS	40	2	2.23	100	7.52	2.06	0.000	0.381	0.381	0.497	10/07/2024	12:20
15	P4321-01		1	2.52	100	7.60	2.06	0.020	0.021	0.001	-0.001	10/07/2024	12:21
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.385	0.385	0.502	10/07/2024	12:22
17	CCB2		1	100	100	7.31	1.74	0.000	0.000	0.000	-0.002	10/07/2024	12:23