

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133921

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111033
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0011

Slope: 0.768

Regression: 0.999993

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.31	1.77	0.000	0.000	0.000	-0.00		12/12/2024	16:15
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.008	0.008	0.008	-20	12/12/2024	16:16
3	CAL3	0.025	1	100	100	7.39	1.90	0.000	0.020	0.020	0.024	-4	12/12/2024	16:17
4	CAL4	0.05	1	100	100	7.38	1.86	0.000	0.040	0.040	0.050	0	12/12/2024	16:18
5	CAL5	0.1	1	100	100	7.40	1.89	0.000	0.080	0.080	0.102	2	12/12/2024	16:19
6	CAL6	0.5	1	100	100	7.36	1.90	0.000	0.385	0.385	0.499	-0.2	12/12/2024	16:20
7	CAL7	1	1	100	100	7.39	1.85	0.000	0.769	0.769	0.999	-0.1	12/12/2024	16:21

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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	7.44	1.93	0.000	0.386	0.386	0.501	12/12/2024	16:22
2	ICB		1	100	100	7.27	1.79	0.000	0.001	0.001	0.000	12/12/2024	16:23
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.383	0.383	0.497	12/12/2024	16:24
4	CCB1		1	100	100	7.29	1.75	0.000	0.000	0.000	-0.001	12/12/2024	16:25
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	12/12/2024	16:26
6	PB165534BL		1	2.50	100	7.29	1.74	0.000	0.001	0.001	0.000	12/12/2024	16:27
7	PB165534BS	20	1	2.50	100	7.46	1.91	0.000	0.384	0.384	0.499	12/12/2024	16:28
8	P5239-01		1	2.53	100	7.54	2.16	0.002	0.005	0.003	0.002	12/12/2024	16:29
9	P5239-01DU		1	2.53	100	7.54	2.17	0.002	0.005	0.003	0.002	12/12/2024	16:30
10	P5239-01MS	40	2	2.52	100	7.61	2.14	0.000	0.319	0.319	0.414	12/12/2024	16:31
11	P5239-01MS	1284	40	2.53	100	7.58	2.10	0.000	0.632	0.632	0.821	12/12/2024	16:32
12	P5239-01MS	40	2	2.52	100	7.60	2.14	0.000	0.380	0.380	0.493	12/12/2024	16:33
13	P5244-01		1	2.51	100	7.52	2.10	0.008	0.009	0.001	0.000	12/12/2024	16:34
14	CCV2	0.5	1	100	100	7.46	1.93	0.000	0.386	0.386	0.501	12/12/2024	16:35
15	CCB2		1	100	100	7.30	1.78	0.000	0.000	0.000	-0.001	12/12/2024	16:36