

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133799

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110922
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.7642

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	1.76	0.000	0.000	0.000	-0.00		12/06/2024	15:15
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.009	0.009	0.009	-10	12/06/2024	15:16
3	CAL3	0.025	1	100	100	7.41	1.91	0.000	0.021	0.021	0.025	0	12/06/2024	15:17
4	CAL4	0.05	1	100	100	7.39	1.84	0.000	0.040	0.040	0.050	0	12/06/2024	15:18
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.080	0.080	0.102	2	12/06/2024	15:19
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.383	0.383	0.499	-0.2	12/06/2024	15:20
7	CAL7	1	1	100	100	7.36	1.90	0.000	0.766	0.766	1.000	0	12/06/2024	15:21

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Run Number: LB133799

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	7.43	1.95	0.000	0.385	0.385	0.502	12/06/2024	15:22
2	ICB		1	100	100	7.31	1.80	0.000	0.001	0.001	-0.001	12/06/2024	15:23
3	CCV1	0.5	1	100	100	7.44	1.94	0.000	0.383	0.383	0.499	12/06/2024	15:24
4	CCB1		1	100	100	7.29	1.78	0.000	0.001	0.001	-0.001	12/06/2024	15:25
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	12/06/2024	15:26
6	PB165394BL		1	2.50	100	7.29	1.82	0.000	0.000	0.000	-0.002	12/06/2024	15:27
7	PB165394BS	20	1	2.50	100	7.46	1.95	0.000	0.385	0.385	0.502	12/06/2024	15:28
8	P5098-01		1	2.53	100	7.60	2.10	0.007	0.007	0.000	-0.002	12/06/2024	15:29
9	P5105-01		1	2.51	100	7.52	2.10	0.005	0.006	0.001	-0.001	12/06/2024	15:30
10	P5105-01DU		1	2.52	100	7.56	2.14	0.005	0.006	0.001	-0.001	12/06/2024	15:31
11	P5105-01MS	40	2	2.52	100	7.56	2.14	0.000	0.311	0.311	0.405	12/06/2024	15:32
12	P5105-01MS	1284	40	2.54	100	7.54	2.10	0.000	0.609	0.609	0.795	12/06/2024	15:33
13	P5105-01MS	40	2	2.52	100	7.60	2.18	0.000	0.374	0.374	0.487	12/06/2024	15:34
14	P5108-01		1	2.53	100	7.52	2.10	0.007	0.007	0.000	-0.002	12/06/2024	15:35
15	P5133-01		1	2.51	100	7.64	2.20	0.002	0.002	0.000	-0.002	12/06/2024	15:36
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.385	0.385	0.502	12/06/2024	15:37
17	CCB2		1	100	100	7.32	1.74	0.000	0.000	0.000	-0.002	12/06/2024	15:38
18	P5136-01		1	2.54	100	7.60	2.06	0.020	0.021	0.001	-0.001	12/06/2024	15:39
19	P5137-01		1	2.51	100	7.66	2.10	0.002	0.002	0.000	-0.002	12/06/2024	15:40
20	CCV3	0.5	1	100	100	7.42	1.97	0.000	0.383	0.383	0.499	12/06/2024	15:41
21	CCB3		1	100	100	7.32	1.73	0.000	0.001	0.001	-0.001	12/06/2024	15:42