

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133468

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110722
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0015

Slope: 0.7659

Regression: 0.999996

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	7.25	1.73	0.000	0.000	0.000	-0.00		11/15/2024	12:30
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.009	-10	11/15/2024	12:31
3	CAL3	0.025	1	100	100	7.34	1.89	0.000	0.021	0.021	0.025	0	11/15/2024	12:32
4	CAL4	0.05	1	100	100	7.38	1.88	0.000	0.040	0.040	0.050	0	11/15/2024	12:33
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.079	0.079	0.101	1	11/15/2024	12:34
6	CAL6	0.5	1	100	100	7.39	1.88	0.000	0.385	0.385	0.500	0	11/15/2024	13:35
7	CAL7	1	1	100	100	7.39	1.90	0.000	0.767	0.767	0.999	-0.1	11/15/2024	12:36

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Run Number: LB133468

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	1.92	0.000	0.383	0.383	0.498	11/15/2024	12:37
2	ICB		1	100	100	7.27	1.76	0.000	0.001	0.001	-0.001	11/15/2024	12:38
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.386	0.386	0.502	11/15/2024	12:39
4	CCB1		1	100	100	7.29	1.80	0.000	0.001	0.001	-0.001	11/15/2024	12:40
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.010	0.010	0.011	11/15/2024	12:41
6	PB164961BL		1	2.50	100	7.26	1.80	0.000	0.001	0.001	-0.001	11/15/2024	12:42
7	PB164961BS	20	1	2.50	100	7.44	1.95	0.000	0.384	0.384	0.499	11/15/2024	12:43
8	P4833-01		1	2.53	100	7.53	2.04	0.001	0.002	0.001	-0.001	11/15/2024	12:44
9	P4833-01DU		1	2.54	100	7.55	2.06	0.001	0.002	0.001	-0.001	11/15/2024	12:45
10	P4833-01MS	40	2	2.53	100	7.54	2.06	0.000	0.319	0.319	0.415	11/15/2024	12:46
11	P4833-01MS	1284	40	2.53	100	7.55	2.10	0.000	0.612	0.612	0.797	11/15/2024	12:47
12	P4833-01MS	40	2	2.54	100	7.57	2.10	0.000	0.379	0.379	0.493	11/15/2024	12:48
13	P4833-05		1	2.51	100	7.58	2.14	0.001	0.002	0.001	-0.001	11/15/2024	12:49
14	P4848-01		1	2.51	100	7.63	2.10	0.004	0.005	0.001	-0.001	11/15/2024	12:50
15	P4849-01		1	2.54	100	7.65	2.18	0.008	0.008	0.000	-0.002	11/15/2024	12:51
16	CCV2	0.5	1	100	100	7.45	1.92	0.000	0.385	0.385	0.501	11/15/2024	12:52
17	CCB2		1	100	100	7.24	1.77	0.000	0.000	0.000	-0.002	11/15/2024	12:53
18	P4851-01		1	2.51	100	7.59	2.10	0.037	0.038	0.001	-0.001	11/15/2024	12:54
19	P4852-01		1	2.51	100	7.52	2.20	0.006	0.007	0.001	-0.001	11/15/2024	12:55
20	P4852-02		1	2.54	100	7.54	2.10	0.012	0.012	0.000	-0.002	11/15/2024	12:56
21	P4852-03		1	2.53	100	7.52	2.22	0.010	0.010	0.000	-0.002	11/15/2024	12:57
22	P4859-01		1	2.52	100	7.60	2.20	0.005	0.006	0.001	-0.001	11/15/2024	12:58
23	P4870-01		1	2.55	100	7.60	2.16	0.036	0.037	0.001	-0.001	11/15/2024	12:59
24	P4870-04		1	2.54	100	7.66	2.10	0.034	0.035	0.001	-0.001	11/15/2024	13:00
25	P4870-07		1	2.51	100	7.67	2.16	0.034	0.035	0.001	-0.001	11/15/2024	13:01
26	P4870-10		1	2.52	100	7.64	2.12	0.037	0.038	0.001	-0.001	11/15/2024	13:02
27	CCV3	0.5	1	100	100	7.42	1.93	0.000	0.383	0.383	0.498	11/15/2024	13:03
28	CCB3		1	100	100	7.29	1.74	0.000	0.000	0.000	-0.002	11/15/2024	13:04