

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133421

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110606
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0007

Slope: 0.768

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	7.31	1.77	0.000	0.000	0.000	-0.00		11/13/2024	09:30
2	CAL2	0.01	1	100	100	7.36	1.91	0.000	0.008	0.008	0.009	-10	11/13/2024	09:31
3	CAL3	0.025	1	100	100	7.39	1.88	0.000	0.021	0.021	0.026	4	11/13/2024	09:32
4	CAL4	0.05	1	100	100	7.38	1.85	0.000	0.039	0.039	0.049	-2	11/13/2024	09:33
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.078	0.078	0.100	0	11/13/2024	09:34
6	CAL6	0.5	1	100	100	7.38	1.86	0.000	0.384	0.384	0.499	-0.2	11/13/2024	09:35
7	CAL7	1	1	100	100	7.34	1.90	0.000	0.769	0.769	1.000	0	11/13/2024	09:36

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Run Number: LB133421

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	7.42	1.94	0.000	0.386	0.386	0.502	11/13/2024	09:37
2	ICB		1	100	100	7.25	1.81	0.000	0.001	0.001	0.000	11/13/2024	09:38
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.383	0.383	0.498	11/13/2024	09:39
4	CCB1		1	100	100	7.29	1.78	0.000	0.001	0.001	0.000	11/13/2024	09:40
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.011	11/13/2024	09:41
6	PB164825BL		1	2.50	100	7.26	1.74	0.000	0.001	0.001	0.000	11/13/2024	09:42
7	PB164825BS	20	1	2.50	100	7.42	1.92	0.000	0.385	0.385	0.500	11/13/2024	09:43
8	P4788-01		1	2.53	100	7.57	2.06	0.001	0.001	0.000	-0.001	11/13/2024	09:44
9	P4789-01		1	2.51	100	7.60	2.10	0.001	0.001	0.000	-0.001	11/13/2024	09:45
10	P4792-03		1	2.53	100	7.54	2.18	0.001	0.002	0.001	0.000	11/13/2024	09:46
11	P4793-01		1	2.54	100	7.52	2.10	0.001	0.001	0.000	-0.001	11/13/2024	09:47
12	P4795-01		1	2.52	100	7.58	2.10	0.037	0.038	0.001	0.000	11/13/2024	09:48
13	P4798-01		1	2.54	100	7.60	2.14	0.020	0.021	0.001	0.000	11/13/2024	09:49
14	P4807-01		1	2.51	100	7.56	2.10	0.000	0.001	0.001	0.000	11/13/2024	09:50
15	P4807-01DU		1	2.52	100	7.54	2.14	0.000	0.001	0.001	0.000	11/13/2024	09:51
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.383	0.383	0.498	11/13/2024	09:52
17	CCB2		1	100	100	7.25	1.78	0.000	0.001	0.001	0.000	11/13/2024	09:53
18	P4807-01MS	40	2	2.51	100	7.52	2.06	0.000	0.301	0.301	0.391	11/13/2024	09:54
19	P4807-01MS	1284	40	2.52	100	7.58	2.10	0.000	0.621	0.621	0.808	11/13/2024	09:55
20	P4807-01MS	40	2	2.52	100	7.60	2.18	0.000	0.367	0.367	0.477	11/13/2024	09:56
21	P4807-05		1	2.54	100	7.66	2.20	0.000	0.001	0.001	0.000	11/13/2024	09:57
22	P4807-09		1	2.54	100	7.62	2.27	0.001	0.002	0.001	0.000	11/13/2024	09:58
23	P4807-13		1	2.55	100	7.60	2.10	0.001	0.002	0.001	0.000	11/13/2024	09:59
24	P4809-01		1	2.53	100	7.68	2.06	0.010	0.011	0.001	0.000	11/13/2024	10:00
25	P4821-01		1	2.51	100	7.52	2.20	0.002	0.002	0.000	-0.001	11/13/2024	10:01
26	P4821-05		1	2.54	100	7.56	2.10	0.001	0.002	0.001	0.000	11/13/2024	10:02
27	P4823-01		1	2.52	100	7.60	2.16	0.001	0.001	0.000	-0.001	11/13/2024	10:03
28	CCV3	0.5	1	100	100	7.44	1.95	0.000	0.386	0.386	0.502	11/13/2024	10:04
29	CCB3		1	100	100	7.30	1.76	0.000	0.001	0.001	0.000	11/13/2024	10:05