

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133497

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: 0.001

Slope: 0.7674

Regression: 0.99999

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	1.80	1.76	0.000	0.000	0.000	-0.00		11/18/2024	15:30
2	CAL2	0.01	1	100	100	7.38	1.85	0.000	0.009	0.009	0.010	0	11/18/2024	15:31
3	CAL3	0.025	1	100	100	7.35	1.87	0.000	0.020	0.020	0.024	-4	11/18/2024	15:32
4	CAL4	0.05	1	100	100	7.40	1.85	0.000	0.039	0.039	0.049	-2	11/18/2024	15:33
5	CAL5	0.1	1	100	100	7.41	1.88	0.000	0.080	0.080	0.102	2	11/18/2024	15:34
6	CAL6	0.5	1	100	100	7.38	1.86	0.000	0.383	0.383	0.497	-0.6	11/18/2024	15:35
7	CAL7	1	1	100	100	7.39	1.88	0.000	0.769	0.769	1.000	0	11/18/2024	15:36

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Run Number: LB133497

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	7.40	1.92	0.000	0.386	0.386	0.502	11/18/2024	15:37
2	ICB		1	100	100	7.27	1.81	0.000	0.001	0.001	0.000	11/18/2024	15:38
3	CCV1	0.5	1	100	100	7.43	1.96	0.000	0.384	0.384	0.499	11/18/2024	15:39
4	CCB1		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	11/18/2024	15:40
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.009	0.009	0.010	11/18/2024	15:41
6	PB165024BL		1	2.50	100	7.25	1.77	0.000	0.001	0.001	0.000	11/18/2024	15:42
7	PB165024BS	20	1	2.50	100	7.44	1.94	0.000	0.386	0.386	0.502	11/18/2024	15:43
8	P4860-01		1	2.54	100	7.55	2.10	0.003	0.004	0.001	0.000	11/18/2024	15:44
9	P4860-01DU		1	2.54	100	7.58	2.06	0.003	0.004	0.001	0.000	11/18/2024	15:45
10	P4860-01MS	40	2	2.54	100	7.52	2.06	0.000	0.320	0.320	0.416	11/18/2024	15:46
11	P4860-01MS	1284	40	2.54	100	7.52	2.10	0.000	0.610	0.610	0.794	11/18/2024	15:47
12	P4860-01MS	40	2	2.54	100	7.58	2.16	0.000	0.380	0.380	0.494	11/18/2024	15:48
13	P4860-02		1	2.51	100	7.60	2.10	0.001	0.001	0.000	-0.001	11/18/2024	15:49
14	P4860-03		1	2.54	100	7.52	2.14	0.006	0.007	0.001	0.000	11/18/2024	15:50
15	P4860-04		1	2.52	100	7.66	2.06	0.001	0.007	0.006	0.007	11/18/2024	15:51
16	CCV2	0.5	1	100	100	7.47	1.95	0.000	0.384	0.384	0.499	11/18/2024	15:52
17	CCB2		1	100	100	7.30	1.79	0.000	0.000	0.000	-0.001	11/18/2024	15:53
18	P4860-05		1	2.51	100	7.67	2.20	0.003	0.004	0.001	0.000	11/18/2024	15:54
19	P4860-06		1	2.54	100	7.62	2.24	0.001	0.001	0.000	-0.001	11/18/2024	15:55
20	P4860-07		1	2.52	100	7.52	2.10	0.001	0.001	0.000	-0.001	11/18/2024	15:56
21	P4860-08		1	2.54	100	7.56	2.06	0.001	0.002	0.001	0.000	11/18/2024	15:57
22	P4860-09		1	2.51	100	7.55	2.06	0.001	0.007	0.006	0.007	11/18/2024	15:58
23	P4860-10		1	2.54	100	7.60	2.12	0.001	0.001	0.000	-0.001	11/18/2024	15:59
24	P4869-01		1	2.53	100	7.62	2.18	0.032	0.032	0.000	-0.001	11/18/2024	16:00
25	P4887-01		1	2.53	100	7.60	2.06	0.001	0.002	0.001	0.000	11/18/2024	16:01
26	P4887-05		1	2.51	100	7.64	2.10	0.002	0.002	0.000	-0.001	11/18/2024	16:02
27	P4892-01		1	2.52	100	7.67	2.16	0.018	0.019	0.001	0.000	11/18/2024	16:03
28	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.500	11/18/2024	16:04
29	CCB3		1	100	100	7.24	1.74	0.000	0.001	0.001	0.000	11/18/2024	16:05
30	P4892-02		1	2.51	100	7.53	2.10	0.001	0.001	0.000	-0.001	11/18/2024	16:06
31	P4893-01		1	2.51	100	7.56	2.06	0.001	0.002	0.001	0.000	11/18/2024	16:07
32	P4893-05		1	2.54	100	7.52	2.08	0.002	0.002	0.000	-0.001	11/18/2024	16:08
33	CCV4	0.5	1	100	100	7.44	1.96	0.000	0.383	0.383	0.498	11/18/2024	16:09
34	CCB4		1	100	100	7.29	1.76	0.000	0.001	0.001	0.000	11/18/2024	16:10