

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133648

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110866
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.001

Slope: 0.7669

Regression: 0.999998

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	1.77	0.000	0.000	0.000	-0.00		11/26/2024	15:40
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.009	0.009	0.010	0	11/26/2024	15:41
3	CAL3	0.025	1	100	100	7.35	1.86	0.000	0.021	0.021	0.026	4	11/26/2024	15:42
4	CAL4	0.05	1	100	100	7.39	1.84	0.000	0.039	0.039	0.049	-2	11/26/2024	15:43
5	CAL5	0.1	1	100	100	7.37	1.88	0.000	0.078	0.078	0.100	0	11/26/2024	15:44
6	CAL6	0.5	1	100	100	7.36	1.88	0.000	0.384	0.384	0.499	-0.2	11/26/2024	15:45
7	CAL7	1	1	100	100	7.39	1.85	0.000	0.768	0.768	1.000	0	11/26/2024	15:46

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Run Number: LB133648

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	1.95	0.000	0.383	0.383	0.498	11/26/2024	15:47
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	11/26/2024	15:48
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.501	11/26/2024	15:49
4	CCB1		1	100	100	7.25	1.74	0.000	0.001	0.001	0.000	11/26/2024	15:50
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.010	0.010	0.012	11/26/2024	15:51
6	PB165221BL		1	2.50	100	7.26	1.79	0.000	0.001	0.001	0.000	11/26/2024	15:52
7	PB165221BS	20	1	2.50	100	7.45	1.92	0.000	0.386	0.386	0.502	11/26/2024	15:53
8	P4971-01		1	2.51	100	7.52	2.10	0.005	0.006	0.001	0.000	11/26/2024	15:54
9	P4971-01DU		1	2.51	100	7.56	2.06	0.005	0.006	0.001	0.000	11/26/2024	15:55
10	P4971-01MS	40	2	2.52	100	7.56	2.10	0.000	0.299	0.299	0.389	11/26/2024	15:56
11	P4971-01MS	1284	40	2.51	100	7.52	2.08	0.000	0.606	0.606	0.789	11/26/2024	15:57
12	P4971-01MS	40	2	2.51	100	7.58	2.16	0.000	0.369	0.369	0.480	11/26/2024	15:58
13	P4985-01		1	2.53	100	7.60	2.06	0.004	0.005	0.001	0.000	11/26/2024	15:59
14	P4985-05		1	2.51	100	7.60	2.20	0.002	0.002	0.000	-0.001	11/26/2024	16:00
15	P5000-01		1	2.52	100	7.66	2.28	0.030	0.030	0.000	-0.001	11/26/2024	16:01
16	CCV2	0.5	1	100	100	7.43	1.96	0.000	0.383	0.383	0.498	11/26/2024	16:02
17	CCB2		1	100	100	7.29	1.78	0.000	0.001	0.001	0.000	11/26/2024	16:03
18	P5000-05		1	2.54	100	7.62	2.06	0.003	0.004	0.001	0.000	11/26/2024	16:04
19	P5005-01		1	2.52	100	7.52	2.10	0.004	0.004	0.000	-0.001	11/26/2024	16:05
20	P5019-01		1	2.53	100	7.58	2.16	0.004	0.005	0.001	0.000	11/26/2024	16:06
21	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.386	0.386	0.502	11/26/2024	16:07
22	CCB3		1	100	100	7.27	1.77	0.000	0.001	0.001	0.000	11/26/2024	16:08