

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133091

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110382
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0016

Slope: 0.7639

Regression: 0.999992

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	1.75	0.000	0.000	0.000	-0.00		10/24/2024	09:40
2	CAL2	0.01	1	100	100	7.36	1.89	0.000	0.009	0.009	0.009	-10	10/24/2024	09:41
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.021	0.021	0.025	0	10/24/2024	09:42
4	CAL4	0.05	1	100	100	7.36	1.85	0.000	0.039	0.039	0.048	-4	10/24/2024	09:43
5	CAL5	0.1	1	100	100	7.39	1.86	0.000	0.080	0.080	0.102	2	10/24/2024	09:44
6	CAL6	0.5	1	100	100	7.34	1.86	0.000	0.384	0.384	0.500	0	10/24/2024	09:45
7	CAL7	1	1	100	100	7.38	1.89	0.000	0.765	0.765	0.999	-0.1	10/24/2024	09:46



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Run Number: LB133091

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	7.45	1.94	0.000	0.385	0.385	0.502	10/24/2024	09:47
2	ICB		1	100	100	7.29	1.76	0.000	0.001	0.001	-0.001	10/24/2024	09:48
3	CCV1	0.5	1	100	100	7.46	1.96	0.000	0.383	0.383	0.499	10/24/2024	09:49
4	CCB1		1	100	100	7.27	1.79	0.000	0.000	0.000	-0.002	10/24/2024	09:50
5	RL Check	0.01	1	100	100	7.43	1.94	0.000	0.009	0.009	0.010	10/24/2024	09:51
6	PB164328BL		1	2.50	100	7.28	1.81	0.000	0.001	0.001	-0.001	10/24/2024	09:52
7	PB164328BS	20	1	2.50	100	7.43	1.96	0.000	0.385	0.385	0.502	10/24/2024	09:53
8	P4485-01		1	2.54	100	7.57	2.18	0.002	0.004	0.002	0.001	10/24/2024	09:54
9	P4486-01		1	2.51	100	7.59	2.20	0.002	0.003	0.001	-0.001	10/24/2024	09:55
10	P4487-01		1	2.55	100	7.64	2.26	0.006	0.006	0.000	-0.002	10/24/2024	09:56
11	P4487-05		1	2.53	100	7.60	2.14	0.001	0.002	0.001	-0.001	10/24/2024	09:57
12	P4487-05DU		1	2.52	100	7.64	2.10	0.001	0.002	0.001	-0.001	10/24/2024	09:58
13	P4487-05MS	40	2	2.53	100	7.60	2.16	0.000	0.348	0.348	0.453	10/24/2024	09:59
14	P4487-05MS	1284	40	2.23	100	7.56	2.10	0.000	0.602	0.602	0.786	10/24/2024	10:00
15	P4487-05MS	40	2	2.52	100	7.52	2.16	0.000	0.380	0.380	0.495	10/24/2024	10:01
16	CCV2	0.5	1	100	100	7.44	1.96	0.000	0.383	0.383	0.499	10/24/2024	10:02
17	CCB2		1	100	100	7.26	1.77	0.000	0.001	0.001	-0.001	10/24/2024	10:03
18	P4508-01		1	2.51	100	7.52	2.20	0.004	0.005	0.001	-0.001	10/24/2024	10:04
19	P4508-05		1	2.54	100	7.56	2.10	0.004	0.006	0.002	0.001	10/24/2024	10:05
20	P4508-09		1	2.51	100	7.60	2.26	0.006	0.006	0.000	-0.002	10/24/2024	10:06
21	CCV3	0.5	1	100	100	7.45	1.95	0.000	0.386	0.386	0.503	10/24/2024	10:07
22	CCB3		1	100	100	7.24	1.79	0.000	0.001	0.001	-0.001	10/24/2024	10:08