

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132841

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110108
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0013

Slope: 0.7678

Regression: 0.999993

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	1.78	0.000	0.000	0.000	-0.00		10/09/2024	12:30
2	CAL2	0.01	1	100	100	7.37	1.90	0.000	0.008	0.008	0.008	-20	10/09/2024	12:31
3	CAL3	0.025	1	100	100	7.39	1.91	0.000	0.021	0.021	0.025	0	10/09/2024	12:32
4	CAL4	0.05	1	100	100	7.40	1.84	0.000	0.040	0.040	0.050	0	10/09/2024	12:33
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	10/09/2024	12:34
6	CAL6	0.5	1	100	100	7.38	1.86	0.000	0.385	0.385	0.499	-0.2	10/09/2024	12:35
7	CAL7	1	1	100	100	7.35	1.88	0.000	0.769	0.769	0.999	-0.1	10/09/2024	12:36



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Run Number: LB132841

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	7.43	1.93	0.000	0.386	0.386	0.501	10/09/2024	12:37
2	ICB		1	100	100	7.25	1.79	0.000	0.001	0.001	0.000	10/09/2024	12:38
3	CCV1	0.5	1	100	100	7.45	1.94	0.000	0.383	0.383	0.497	10/09/2024	12:39
4	CCB1		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.002	10/09/2024	12:40
5	RL Check	0.01	1	100	100	7.42	1.92	0.000	0.009	0.009	0.010	10/09/2024	12:41
6	PB163966BL		1	2.50	100	7.29	1.75	0.000	0.000	0.000	-0.002	10/09/2024	12:42
7	PB163966BS	20	1	2.50	100	7.44	1.96	0.000	0.383	0.383	0.497	10/09/2024	12:43
8	P4340-01		1	2.53	100	7.60	2.18	0.006	0.006	0.000	-0.002	10/09/2024	12:44
9	P4340-05		1	2.54	100	7.52	2.20	0.002	0.003	0.001	0.000	10/09/2024	12:45
10	P4343-01		1	2.55	100	7.58	2.06	0.018	0.020	0.002	0.001	10/09/2024	12:46
11	P4344-01		1	2.53	100	7.52	2.14	0.000	0.001	0.001	0.000	10/09/2024	12:47
12	P4344-01DU		1	2.52	100	7.56	2.10	0.000	0.001	0.001	0.000	10/09/2024	12:48
13	P4344-01MS	40	2	2.53	100	7.52	2.10	0.000	0.309	0.309	0.401	10/09/2024	12:49
14	P4344-01MS	1284	40	2.23	100	7.52	2.16	0.000	0.601	0.601	0.781	10/09/2024	12:50
15	P4344-01MS	40	2	2.54	100	7.58	2.10	0.000	0.379	0.379	0.492	10/09/2024	12:51
16	CCV2	0.5	1	100	100	7.45	2.10	0.000	0.383	0.383	0.497	10/09/2024	12:52
17	CCB2		1	100	100	7.31	1.80	0.000	0.000	0.000	-0.002	10/09/2024	12:53
18	P4353-01		1	2.51	100	7.60	2.22	0.020	0.020	0.000	-0.002	10/09/2024	12:54
19	P4359-01		1	2.54	100	7.66	2.28	0.019	0.021	0.002	0.001	10/09/2024	12:55
20	CCV3	0.5	1	100	100	7.43	1.96	0.000	0.385	0.385	0.500	10/09/2024	12:56
21	CCB3		1	100	100	7.26	1.78	0.000	0.001	0.001	0.000	10/09/2024	12:57