

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB133351

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: 0.0012

Slope: 0.7642

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	7.32	1.79	0.000	0.000	0.000	-0.00		11/08/2024	11:40
2	CAL2	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	0	11/08/2024	11:41
3	CAL3	0.025	1	100	100	7.40	1.92	0.000	0.021	0.021	0.025	0	11/08/2024	11:42
4	CAL4	0.05	1	100	100	7.36	1.88	0.000	0.039	0.039	0.049	-2	11/08/2024	11:43
5	CAL5	0.1	1	100	100	7.40	1.84	0.000	0.078	0.078	0.100	0	11/08/2024	11:44
6	CAL6	0.5	1	100	100	7.39	1.89	0.000	0.384	0.384	0.500	0	11/08/2024	11:45
7	CAL7	1	1	100	100	7.38	1.90	0.000	0.765	0.765	0.999	-0.1	11/08/2024	11:46

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Run Number: LB133351

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	7.46	1.94	0.000	0.386	0.386	0.504	11/08/2024	11:47
2	ICB		1	100	100	7.29	1.76	0.000	0.000	0.000	-0.002	11/08/2024	11:48
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.383	0.383	0.500	11/08/2024	11:49
4	CCB1		1	100	100	7.24	1.73	0.000	0.000	0.000	-0.002	11/08/2024	11:50
5	RL Check	0.01	1	100	100	7.42	1.93	0.000	0.010	0.010	0.012	11/08/2024	11:51
6	PB164738BL		1	2.50	100	7.30	1.80	0.000	0.001	0.001	0.000	11/08/2024	11:52
7	PB164738BS	20	1	2.50	100	7.44	1.93	0.000	0.386	0.386	0.504	11/08/2024	11:53
8	P4722-03		1	2.51	100	7.50	2.10	0.036	0.038	0.002	0.001	11/08/2024	11:54
9	P4722-08		1	2.54	100	7.60	2.16	0.002	0.003	0.001	0.000	11/08/2024	11:55
10	P4722-13		1	2.53	100	7.52	2.06	0.001	0.001	0.000	-0.002	11/08/2024	11:56
11	P4731-01		1	2.51	100	7.60	2.20	0.000	0.161	0.161	0.209	11/08/2024	11:57
12	P4731-02		1	2.54	100	7.66	2.10	0.000	0.388	0.388	0.506	11/08/2024	11:58
13	P4731-03		1	2.51	100	7.64	2.18	0.000	0.566	0.566	0.739	11/08/2024	11:59
14	P4732-01		1	2.51	100	7.54	2.06	0.000	0.000	0.000	-0.002	11/08/2024	12:00
15	P4734-01		1	2.53	100	7.52	2.14	0.003	0.004	0.001	0.000	11/08/2024	12:01
16	CCV2	0.5	1	100	100	7.43	1.91	0.000	0.384	0.384	0.501	11/08/2024	12:02
17	CCB2		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.002	11/08/2024	12:03
18	P4738-01		1	2.54	100	7.36	2.06	0.000	0.000	0.000	-0.002	11/08/2024	12:04
19	P4739-01		1	2.54	100	7.36	2.10	0.000	0.001	0.001	0.000	11/08/2024	12:05
20	P4739-05		1	2.53	100	7.52	2.14	0.000	0.000	0.000	-0.002	11/08/2024	12:06
21	P4739-09		1	2.54	100	7.58	2.10	0.004	0.005	0.001	0.000	11/08/2024	12:07
22	P4739-13		1	2.51	100	7.60	2.16	0.002	0.002	0.000	-0.002	11/08/2024	12:08
23	P4739-13DU		1	2.52	100	7.56	2.20	0.002	0.002	0.000	-0.002	11/08/2024	12:09
24	P4739-13MS	40	2	2.51	100	7.52	2.14	0.000	0.302	0.302	0.394	11/08/2024	12:10
25	P4739-13MS	1284	40	2.51	100	7.60	2.18	0.000	0.621	0.621	0.811	11/08/2024	12:11
26	P4739-13MS	40	2	2.52	100	7.52	2.20	0.000	0.364	0.364	0.475	11/08/2024	12:12
27	P4756-01		1	2.55	100	7.60	2.10	0.000	0.000	0.000	-0.002	11/08/2024	12:13
28	CCV3	0.5	1	100	100	7.68	1.90	0.000	0.383	0.383	0.500	11/08/2024	12:14
29	CCB3		1	100	100	7.32	1.81	0.000	0.001	0.001	0.000	11/08/2024	12:15