

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB133318

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP110515
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0007

Slope: 0.7668

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.28	1.77	0.000	0.000	0.000	-0.00		11/06/2024	15:40
2	CAL2	0.01	1	100	100	7.36	1.85	0.000	0.009	0.009	0.010	0	11/06/2024	15:41
3	CAL3	0.025	1	100	100	7.39	1.87	0.000	0.020	0.020	0.025	0	11/06/2024	15:42
4	CAL4	0.05	1	100	100	7.39	1.88	0.000	0.039	0.039	0.049	-2	11/06/2024	15:43
5	CAL5	0.1	1	100	100	7.40	1.90	0.000	0.078	0.078	0.100	0	11/06/2024	15:44
6	CAL6	0.5	1	100	100	7.38	1.91	0.000	0.383	0.383	0.498	-0.4	11/06/2024	15:45
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.768	0.768	1.000	0	11/06/2024	15:46

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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	7.34	1.90	0.000	0.385	0.385	0.501	11/06/2024	15:47
2	ICB		1	100	100	7.25	1.76	0.000	0.000	0.000	-0.001	11/06/2024	15:48
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.383	0.383	0.499	11/06/2024	15:49
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	11/06/2024	15:50
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	11/06/2024	15:51
6	PB164670BL		1	2.50	100	7.31	1.78	0.000	0.001	0.001	0.000	11/06/2024	15:52
7	PB164670BS	20	1	2.50	100	7.47	1.90	0.000	0.386	0.386	0.502	11/06/2024	15:53
8	P4452-04		1	2.54	100	7.66	2.28	0.000	0.916	0.916	1.194	11/06/2024	15:54
9	P4693-01		1	2.52	100	7.56	2.10	0.002	0.003	0.001	0.000	11/06/2024	15:55
10	P4693-01DU		1	2.52	100	7.59	2.16	0.002	0.003	0.001	0.000	11/06/2024	15:56
11	P4693-01MS	40	2	2.53	100	7.52	2.14	0.000	0.299	0.299	0.389	11/06/2024	15:57
12	P4693-01MS	1284	40	2.52	100	7.52	2.10	0.000	0.573	0.573	0.746	11/06/2024	15:58
13	P4693-01MS	40	2	2.53	100	7.60	2.10	0.000	0.371	0.371	0.483	11/06/2024	15:59
14	P4693-05		1	2.54	100	7.64	2.06	0.000	0.001	0.001	0.000	11/06/2024	16:00
15	P4694-01		1	2.54	100	7.54	2.06	0.005	0.005	0.000	-0.001	11/06/2024	16:01
16	CCV2	0.5	1	100	100	7.41	1.91	0.000	0.383	0.383	0.499	11/06/2024	16:02
17	CCB2		1	100	100	7.29	1.75	0.000	0.000	0.000	-0.001	11/06/2024	16:03
18	P4694-05		1	2.52	100	7.60	2.10	0.000	0.001	0.001	0.000	11/06/2024	16:04
19	P4695-01		1	2.52	100	7.52	2.06	0.012	0.013	0.001	0.000	11/06/2024	16:05
20	P4700-01		1	2.53	100	7.56	2.04	0.006	0.006	0.000	-0.001	11/06/2024	16:06
21	P4701-01		1	2.52	100	7.56	2.20	0.004	0.004	0.000	-0.001	11/06/2024	16:07
22	P4701-05		1	2.51	100	7.54	2.22	0.004	0.005	0.001	0.000	11/06/2024	16:08
23	P4706-01		1	2.54	100	7.60	2.06	0.008	0.009	0.001	0.000	11/06/2024	16:09
24	P4708-01		1	2.54	100	7.66	2.10	0.004	0.005	0.001	0.000	11/06/2024	16:10
25	P4711-01		1	2.56	100	7.70	2.18	0.032	0.032	0.000	-0.001	11/06/2024	16:11
26	P4711-06		1	2.53	100	7.68	2.16	0.013	0.014	0.001	0.000	11/06/2024	16:12
27	P4718-01		1	2.54	100	7.62	2.10	0.003	0.004	0.001	0.000	11/06/2024	16:13
28	CCV3	0.5	1	100	100	7.43	1.94	0.000	0.385	0.385	0.501	11/06/2024	16:14
29	CCB3		1	100	100	7.26	1.79	0.000	0.001	0.001	0.000	11/06/2024	16:15
30	P4718-02		1	2.53	100	7.54	2.10	0.001	0.002	0.001	0.000	11/06/2024	16:16
31	P4719-01		1	2.53	100	7.58	2.10	0.001	0.001	0.000	-0.001	11/06/2024	16:17
32	P4720-01		1	2.51	100	7.60	2.06	0.037	0.038	0.001	0.000	11/06/2024	16:18
33	P4452-04		5	2.54	100	7.66	2.28	0.000	0.165	0.165	0.214	11/06/2024	16:19
34	CCV4	0.5	1	100	100	7.42	1.94	0.000	0.384	0.384	0.500	11/06/2024	16:20
35	CCB4		1	100	100	7.24	1.81	0.000	0.001	0.001	0.000	11/06/2024	16:21