

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133276

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: 0.0015

Slope: 0.7651

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	7.31	1.75	0.000	0.000	0.000	-0.00		11/04/2024	14:40
2	CAL2	0.01	1	100	100	7.39	1.89	0.000	0.009	0.009	0.009	-10	11/04/2024	14:41
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.025	0	11/04/2024	14:42
4	CAL4	0.05	1	100	100	7.40	1.84	0.000	0.040	0.040	0.050	0	11/04/2024	14:43
5	CAL5	0.1	1	100	100	7.41	1.90	0.000	0.080	0.080	0.102	2	11/04/2024	14:44
6	CAL6	0.5	1	100	100	7.36	1.89	0.000	0.383	0.383	0.498	-0.4	11/04/2024	14:45
7	CAL7	1	1	100	100	7.36	1.86	0.000	0.767	0.767	1.000	0	11/04/2024	14:46

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Run Number: LB133276

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	0.385	0.385	0.501	11/04/2024	14:47
2	ICB		1	100	100	7.29	1.77	0.000	0.001	0.001	-0.001	11/04/2024	14:48
3	CCV1	0.5	1	100	100	7.42	1.96	0.000	0.386	0.386	0.503	11/04/2024	14:49
4	CCB1		1	100	100	7.27	1.74	0.000	0.001	0.001	-0.001	11/04/2024	14:50
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	11/04/2024	14:51
6	PB164606BL		1	2.50	100	7.30	1.75	0.000	0.001	0.001	-0.001	11/04/2024	14:52
7	PB164606BS	20	1	2.50	100	7.44	1.96	0.000	0.383	0.383	0.499	11/04/2024	14:53
8	P4663-02		1	2.54	100	7.58	2.10	0.018	0.020	0.002	0.001	11/04/2024	14:54
9	P4663-04		1	2.51	100	7.60	2.06	0.013	0.014	0.001	-0.001	11/04/2024	14:55
10	P4663-06		1	2.52	100	7.68	2.20	0.009	0.009	0.000	-0.002	11/04/2024	14:56
11	P4663-08		1	2.53	100	7.60	2.06	0.006	0.008	0.002	0.001	11/04/2024	14:57
12	P4667-01		1	2.52	100	7.52	2.18	0.008	0.008	0.000	-0.002	11/04/2024	14:58
13	P4667-05		1	2.51	100	7.60	2.10	0.003	0.004	0.001	-0.001	11/04/2024	14:59
14	P4667-09		1	2.54	100	7.68	2.14	0.006	0.008	0.002	0.001	11/04/2024	15:00
15	P4667-13		1	2.54	100	7.56	2.16	0.008	0.009	0.001	-0.001	11/04/2024	15:01
16	CCV2	0.5	1	100	100	7.41	1.93	0.000	0.385	0.385	0.501	11/04/2024	15:02
17	CCB2		1	100	100	7.24	1.80	0.000	0.001	0.001	-0.001	11/04/2024	15:03
18	P4675-01		1	2.51	100	7.54	2.10	0.005	0.009	0.004	0.003	11/04/2024	15:04
19	P4675-02		1	2.52	100	7.62	2.10	0.007	0.008	0.001	-0.001	11/04/2024	15:05
20	P4675-03		1	2.51	100	7.66	2.18	0.008	0.010	0.002	0.001	11/04/2024	15:06
21	P4675-04		1	2.52	100	7.60	2.22	0.017	0.025	0.008	0.008	11/04/2024	15:07
22	P4675-05		1	2.53	100	7.52	2.10	0.004	0.008	0.004	0.003	11/04/2024	15:08
23	P4675-06		1	2.52	100	7.52	2.10	0.007	0.011	0.004	0.003	11/04/2024	15:09
24	P4675-06DU		1	2.52	100	7.58	2.14	0.007	0.011	0.004	0.003	11/04/2024	15:10
25	P4675-06MS	40	2	2.51	100	7.54	2.10	0.000	0.307	0.307	0.399	11/04/2024	15:11
26	P4675-06MS	1284	40	2.52	100	7.54	2.10	0.000	0.619	0.619	0.807	11/04/2024	15:12
27	P4675-06MS	40	2	2.52	100	7.60	2.16	0.000	0.385	0.385	0.501	11/04/2024	15:13
28	CCV3	0.5	1	100	100	7.45	1.90	0.000	0.385	0.385	0.501	11/04/2024	15:14
29	CCB3		1	100	100	7.31	1.74	0.000	0.000	0.000	-0.002	11/04/2024	15:15
30	P4679-01		1	2.54	100	7.52	2.14	0.014	0.016	0.002	0.001	11/04/2024	15:16
31	P4680-01		1	2.53	100	7.58	2.10	0.008	0.009	0.001	-0.001	11/04/2024	15:17
32	P4680-05		1	2.55	100	7.60	2.06	0.008	0.009	0.001	-0.001	11/04/2024	15:18
33	P4682-01		1	2.51	100	7.66	2.06	0.010	0.011	0.001	-0.001	11/04/2024	15:19
34	P4685-01		1	2.54	100	7.62	2.24	0.010	0.012	0.002	0.001	11/04/2024	15:20
35	CCV4	0.5	1	100	100	7.43	1.94	0.000	0.386	0.386	0.503	11/04/2024	15:21
36	CCB4		1	100	100	7.29	1.79	0.000	0.001	0.001	-0.001	11/04/2024	15:22