

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133239

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: 0.768

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	7.26	1.79	0.000	0.000	0.000	-0.00		10/31/2024	15:30
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.008	0.008	0.009	-10	10/31/2024	15:31
3	CAL3	0.025	1	100	100	7.38	1.89	0.000	0.021	0.021	0.026	4	10/31/2024	15:32
4	CAL4	0.05	1	100	100	7.40	1.84	0.000	0.039	0.039	0.049	-2	10/31/2024	15:33
5	CAL5	0.1	1	100	100	7.36	1.86	0.000	0.078	0.078	0.100	0	10/31/2024	15:34
6	CAL6	0.5	1	100	100	7.37	1.88	0.000	0.384	0.384	0.499	-0.2	10/31/2024	15:35
7	CAL7	1	1	100	100	7.39	1.90	0.000	0.769	0.769	1.000	0	10/31/2024	15:36

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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	7.42	1.90	0.000	0.383	0.383	0.498	10/31/2024	15:37
2	ICB		1	100	100	7.28	1.79	0.000	0.000	0.000	-0.001	10/31/2024	15:38
3	CCV1	0.5	1	100	100	7.43	1.92	0.000	0.385	0.385	0.500	10/31/2024	15:39
4	CCB1		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	10/31/2024	15:40
5	RL Check	0.01	1	100	100	7.42	1.91	0.000	0.010	0.010	0.012	10/31/2024	15:41
6	PB164541BL		1	2.50	100	7.30	1.75	0.000	0.000	0.000	-0.001	10/31/2024	15:42
7	PB164541BS	20	1	2.50	100	7.41	1.94	0.000	0.384	0.384	0.499	10/31/2024	15:43
8	P4611-01		1	2.54	100	7.52	2.06	0.004	0.004	0.000	-0.001	10/31/2024	15:44
9	P4611-04		1	2.51	100	7.60	2.10	0.004	0.005	0.001	0.000	10/31/2024	15:46
10	P4611-07		1	2.52	100	7.66	2.16	0.006	0.006	0.000	-0.001	10/31/2024	15:47
11	P4611-10		1	2.54	100	7.62	2.18	0.007	0.008	0.001	0.000	10/31/2024	15:48
12	P4611-13		1	2.55	100	7.60	2.20	0.005	0.005	0.000	-0.001	10/31/2024	15:49
13	P4611-16		1	2.53	100	7.68	2.28	0.006	0.006	0.000	-0.001	10/31/2024	15:50
14	P4639-01		1	2.54	100	7.52	2.06	0.002	0.003	0.001	0.000	10/31/2024	15:51
15	P4639-01DU		1	2.53	100	7.58	2.10	0.002	0.003	0.001	0.000	10/31/2024	15:52
16	CCV2	0.5	1	100	100	7.40	1.92	0.000	0.386	0.386	0.502	10/31/2024	15:53
17	CCB2		1	100	100	7.27	1.74	0.000	0.001	0.001	0.000	10/31/2024	15:54
18	P4639-01MS	40	2	2.54	100	7.56	2.10	0.000	0.296	0.296	0.385	10/31/2024	15:55
19	P4639-01MS	1284	40	2.54	100	7.52	2.06	0.000	0.602	0.602	0.783	10/31/2024	15:56
20	P4639-01MS	40	2	2.53	100	7.52	2.10	0.000	0.376	0.376	0.489	10/31/2024	15:57
21	P4639-03		1	2.55	100	7.52	2.06	0.007	0.007	0.000	-0.001	10/31/2024	15:58
22	P4640-01		1	2.51	100	7.56	2.18	0.007	0.008	0.001	0.000	10/31/2024	15:59
23	P4643-01		1	2.54	100	7.60	2.06	0.002	0.003	0.001	0.000	10/31/2024	16:00
24	P4643-05		1	2.53	100	7.62	2.12	0.004	0.004	0.000	-0.001	10/31/2024	16:01
25	P4643-09		1	2.51	100	7.66	2.16	0.006	0.006	0.000	-0.001	10/31/2024	16:02
26	P4645-01		1	2.54	100	7.52	2.18	0.002	0.002	0.000	-0.001	10/31/2024	16:03
27	P4659-01		1	2.55	100	7.64	2.20	0.002	0.002	0.000	-0.001	10/31/2024	16:04
28	CCV3	0.5	1	100	100	7.45	1.96	0.000	0.385	0.385	0.500	10/31/2024	16:05
29	CCB3		1	100	100	7.29	1.81	0.000	0.001	0.001	0.000	10/31/2024	16:06