

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132482

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP109756
5N sulfuric acid	WP107791
HNO3 Hex-Chrome, 5M	WP107796
Hexchrome Cleaning Solution	WP108645

Intercept: 0.0004

Slope: 0.7692

Regression: 0.999998

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	1.77	0.000	0.000	0.000	-0.00		09/18/2024	12:10
2	CAL2	0.01	1	100	100	7.27	1.89	0.000	0.008	0.008	0.009	-10	09/18/2024	12:16
3	CAL3	0.025	1	100	100	7.29	1.86	0.000	0.020	0.020	0.025	0	09/18/2024	12:17
4	CAL4	0.05	1	100	100	7.40	1.89	0.000	0.039	0.039	0.050	0	09/18/2024	12:18
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.078	0.078	0.100	0	09/18/2024	12:19
6	CAL6	0.5	1	100	100	7.39	1.90	0.000	0.384	0.384	0.498	-0.4	09/18/2024	12:20
7	CAL7	1	1	100	100	7.38	1.85	0.000	0.770	0.770	1.000	0	09/18/2024	12:21



Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132482

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	7.41	1.90	0.000	0.386	0.386	0.501	09/18/2024	12:22
2	ICB		1	100	100	7.25	1.74	0.000	0.001	0.001	0.001	09/18/2024	12:23
3	CCV1	0.5	1	100	100	7.43	1.95	0.000	0.384	0.384	0.499	09/18/2024	12:24
4	CCB1		1	100	100	7.28	1.78	0.000	0.001	0.001	0.001	09/18/2024	12:25
5	RL Check	0.01	1	100	100	7.40	1.91	0.000	0.010	0.010	0.012	09/18/2024	12:26
6	PB163469BL		1	2.50	100	7.24	1.77	0.000	0.001	0.001	0.001	09/18/2024	12:27
7	PB163469BS	20	1	2.50	100	7.42	1.93	0.000	0.383	0.383	0.497	09/18/2024	12:28
8	P3962-01		1	2.53	100	7.60	2.06	0.001	0.001	0.000	-0.001	09/18/2024	12:29
9	P3962-01DU		1	2.54	100	7.56	2.10	0.001	0.001	0.000	-0.001	09/18/2024	12:30
10	P3962-01MS	40	2	2.53	100	7.52	2.06	0.000	0.301	0.301	0.391	09/18/2024	12:31
11	P3962-01MS	1284	40	2.53	100	7.60	2.08	0.000	0.613	0.613	0.796	09/18/2024	12:32
12	P3962-01MS	40	2	2.54	100	7.58	2.12	0.000	0.379	0.379	0.492	09/18/2024	12:33
13	P4085-01		1	2.51	100	7.52	2.16	0.009	0.010	0.001	0.001	09/18/2024	12:34
14	P4085-03		1	2.51	100	7.58	2.20	0.002	0.002	0.000	-0.001	09/18/2024	12:35
15	P4087-01		1	2.54	100	7.52	2.06	0.020	0.020	0.000	-0.001	09/18/2024	12:36
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.385	0.385	0.500	09/18/2024	12:37
17	CCB2		1	100	100	7.26	1.79	0.000	0.000	0.000	-0.001	09/18/2024	12:38
18	P4087-07		1	2.52	100	7.60	2.10	0.014	0.015	0.001	0.001	09/18/2024	12:39
19	P4087-13		1	2.54	100	7.68	2.16	0.004	0.013	0.009	0.011	09/18/2024	12:40
20	P4087-19		1	2.54	100	7.66	2.22	0.020	0.027	0.007	0.009	09/18/2024	12:41
21	P4087-25		1	2.51	100	7.60	2.08	0.036	0.037	0.001	0.001	09/18/2024	12:42
22	P4087-31		1	2.56	100	7.56	2.14	0.034	0.035	0.001	0.001	09/18/2024	12:43
23	P4088-01		1	2.54	100	7.62	2.20	0.030	0.031	0.001	0.001	09/18/2024	12:44
24	P4088-07		1	2.54	100	7.68	2.06	0.014	0.014	0.000	-0.001	09/18/2024	12:45
25	P4088-13		1	2.56	100	7.54	2.24	0.038	0.038	0.000	-0.001	09/18/2024	12:46
26	P4089-01		1	2.52	100	7.60	2.10	0.034	0.034	0.000	-0.001	09/18/2024	12:47
27	P4097-01		1	2.52	100	7.54	2.06	0.014	0.014	0.000	-0.001	09/18/2024	12:47
28	CCV3	0.5	1	100	100	7.44	1.92	0.000	0.386	0.386	0.501	09/18/2024	12:48
29	CCB3		1	100	100	7.29	1.79	0.000	0.001	0.001	0.001	09/18/2024	12:49