

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130638

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107785
5N sulfuric acid	WP107748
HNO3 Hex-Chrome, 5M	WP107714
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0016

Slope: 0.7654

Regression: 0.999994

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	7.26	1.76	0.000	0.000	0.000	-0.00		05/06/2024	13:15
2	CAL2	0.01	1	100	100	7.36	1.88	0.000	0.009	0.009	0.009	-10	05/06/2024	13:16
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	05/06/2024	13:17
4	CAL4	0.05	1	100	100	7.35	1.87	0.000	0.040	0.040	0.050	0	05/06/2024	13:18
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	05/06/2024	13:19
6	CAL6	0.5	1	100	100	7.40	1.89	0.000	0.384	0.384	0.499	-0.2	05/06/2024	13:20
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.767	0.767	1	0	05/06/2024	13:21



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Run Number: LB130638

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	7.42	1.91	0.000	0.385	0.385	0.501	05/06/2024	13:22
2	ICB		1	100	100	7.24	1.75	0.000	0.001	0.001	-0.001	05/06/2024	13:23
3	CCV1	0.5	1	100	100	7.43	1.94	0.000	0.384	0.384	0.500	05/06/2024	13:24
4	CCB1		1	100	100	7.28	1.77	0.000	0.000	0.000	-0.002	05/06/2024	13:25
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.010	0.010	0.011	05/06/2024	13:26
6	PB160694BL		1	2.50	100	7.26	1.77	0.000	0.001	0.001	-0.001	05/06/2024	13:27
7	PB160694BS	20	1	2.50	100	7.41	1.92	0.000	0.386	0.386	0.502	05/06/2024	13:28
8	P2241-05		1	2.52	100	7.52	2.08	0.004	0.060	0.056	0.071	05/06/2024	13:29
9	P2322-01		1	2.54	100	7.58	2.14	0.001	0.002	0.001	-0.001	05/06/2024	13:30
10	P2323-01		1	2.53	100	7.60	2.10	0.003	0.003	0.000	-0.002	05/06/2024	13:31
11	P2323-01DU		1	2.53	100	7.58	2.10	0.002	0.003	0.001	-0.001	05/06/2024	13:32
12	P2323-01MS	40	2	2.54	100	7.52	2.12	0.000	0.329	0.329	0.428	05/06/2024	13:33
13	P2323-01MS	1284	40	2.54	100	7.52	2.08	0.000	0.612	0.612	0.797	05/06/2024	13:34
14	P2323-01MS	40	2	2.53	100	7.58	2.10	0.000	0.371	0.371	0.483	05/06/2024	13:35
15	P2323-04		1	2.54	100	7.62	2.10	0.002	0.003	0.001	-0.001	05/06/2024	13:36
16	CCV2	0.5	1	100	100	7.42	1.92	0.000	0.384	0.384	0.500	05/06/2024	13:37
17	CCB2		1	100	100	7.28	1.74	0.000	0.001	0.001	-0.001	05/06/2024	13:38
18	P2323-07		1	2.52	100	7.52	2.08	0.006	0.006	0.000	-0.002	05/06/2024	13:39
19	P2354-01		1	2.54	100	7.56	2.06	0.001	0.002	0.001	-0.001	05/06/2024	13:40
20	P2355-01		1	2.51	100	7.52	2.18	0.012	0.014	0.002	0.001	05/06/2024	13:41
21	P2375-01		1	2.55	100	7.62	2.06	0.008	0.010	0.002	0.001	05/06/2024	13:42
22	CCV3	0.5	1	100	100	7.45	1.95	0.000	0.385	0.385	0.501	05/06/2024	13:43
23	CCB3		1	100	100	7.24	1.76	0.000	0.000	0.000	-0.002	05/06/2024	13:44