



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129421

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP106418
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0016

Slope: 0.7639

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	7.27	1.77	0.000	0.000	0.000	-0.00		02/07/2024	12:30
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.009	0.009	0.009	-10	02/07/2024	12:31
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.021	0.021	0.025	0	02/07/2024	12:32
4	CAL4	0.05	1	100	100	7.35	1.88	0.000	0.039	0.039	0.048	-4	02/07/2024	12:33
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.102	2	02/07/2024	12:34
6	CAL6	0.5	1	100	100	7.38	1.90	0.000	0.384	0.384	0.500	0	02/07/2024	12:35
7	CAL7	1	1	100	100	7.37	1.86	0.000	0.765	0.765	0.999	-0.1	02/07/2024	12:36



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Run Number: LB129421

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	1.92	0.000	0.386	0.386	0.503	02/07/2024	12:37
2	ICB		1	100	100	7.26	1.76	0.000	0.001	0.001	-0.001	02/07/2024	12:38
3	CCV1	0.5	1	100	100	7.43	1.93	0.000	0.383	0.383	0.499	02/07/2024	12:39
4	CCB1		1	100	100	7.24	1.78	0.000	0.001	0.001	-0.001	02/07/2024	12:40
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.010	02/07/2024	12:41
6	PB158829BL		1	2.53	100	7.28	1.75	0.000	0.001	0.001	-0.001	02/07/2024	12:42
7	PB158829BS	20	1	2.50	100	7.42	1.91	0.000	0.384	0.384	0.501	02/07/2024	12:43
8	P1355-01		1	2.56	100	7.58	2.08	0.008	0.010	0.002	0.001	02/07/2024	12:44
9	P1364-01		1	2.54	100	7.56	2.10	0.004	0.006	0.002	0.001	02/07/2024	12:45
10	P1364-01DU		1	2.53	100	7.52	2.12	0.006	0.006	0.000	-0.002	02/07/2024	12:46
11	P1364-01MS	40	2	2.53	100	7.58	2.08	0.002	0.339	0.337	0.439	02/07/2024	12:47
12	P1364-01MS	1284	40	2.54	100	7.56	2.12	0.000	0.612	0.612	0.799	02/07/2024	12:48
13	P1364-01MS	40	2	2.52	100	7.54	2.14	0.003	0.386	0.383	0.499	02/07/2024	12:49
14	P1364-02		1	2.54	100	7.52	2.06	0.005	0.006	0.001	-0.001	02/07/2024	12:50
15	P1364-03		1	2.52	100	7.52	2.18	0.004	0.005	0.001	-0.001	02/07/2024	12:51
16	CCV2	0.5	1	100	100	7.42	1.93	0.000	0.386	0.386	0.503	02/07/2024	12:52
17	CCB2		1	100	100	7.27	1.74	0.000	0.001	0.001	-0.001	02/07/2024	12:53
18	P1375-01		1	2.51	100	7.62	2.14	0.036	0.038	0.002	0.001	02/07/2024	12:54
19	P1378-01		1	2.55	100	7.66	2.20	0.008	0.010	0.002	0.001	02/07/2024	12:55
20	P1378-03		1	2.53	100	7.68	2.24	0.004	0.004	0.000	-0.002	02/07/2024	12:56
21	P1389-01		1	2.52	100	7.60	2.10	0.038	0.038	0.000	-0.002	02/07/2024	12:57
22	P1389-05		1	2.53	100	7.62	2.08	0.004	0.006	0.002	0.001	02/07/2024	12:58
23	P1389-09		1	2.52	100	7.58	2.10	0.005	0.006	0.001	-0.001	02/07/2024	12:59
24	P1389-13		1	2.54	100	7.52	2.06	0.010	0.012	0.002	0.001	02/07/2024	13:00
25	CCV3	0.5	1	100	100	7.44	1.92	0.000	0.384	0.384	0.501	02/07/2024	13:01
26	CCB3		1	100	100	7.25	1.78	0.000	0.001	0.001	-0.001	02/07/2024	13:02