



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128131

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP104985
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP103556

Intercept: 0.0009

Slope: 0.7642

Regression: 0.999997

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	1.76	0.000	0.000	0.000	-0.00		11/02/2023	10:40
2	CAL2	0.01	1	100	100	7.36	1.87	0.000	0.009	0.009	0.010	0	11/02/2023	10:41
3	CAL3	0.025	1	100	100	7.38	1.85	0.000	0.019	0.019	0.023	-8	11/02/2023	10:42
4	CAL4	0.05	1	100	100	7.37	1.86	0.000	0.040	0.040	0.051	2	11/02/2023	10:43
5	CAL5	0.1	1	100	100	7.38	1.87	0.000	0.078	0.078	0.100	0	11/02/2023	10:44
6	CAL6	0.5	1	100	100	7.41	1.90	0.000	0.383	0.383	0.5	0	11/02/2023	10:45
7	CAL7	1	1	100	100	7.36	1.88	0.000	0.765	0.765	0.999	-0.1	11/02/2023	10:46



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Run Number: LB128131

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	1.93	0.000	0.385	0.385	0.503	11/02/2023	10:47
2	ICB		1	100	100	7.28	1.75	0.000	0.001	0.001	0.000	11/02/2023	10:48
3	CCV1	0.5	1	100	100	7.42	1.94	0.000	0.383	0.383	0.500	11/02/2023	10:49
4	CCB1		1	100	100	7.25	1.78	0.000	0.001	0.001	0.000	11/02/2023	10:50
5	RL Check	0.01	1	100	100	7.41	1.90	0.000	0.009	0.009	0.011	11/02/2023	10:51
6	PB156804BL		1	2.50	100	7.25	1.77	0.000	0.001	0.001	0.000	11/02/2023	10:52
7	PB156804BS	20	1	2.50	100	7.42	1.91	0.000	0.384	0.384	0.501	11/02/2023	10:53
8	O5164-01		1	2.56	100	7.62	2.10	0.001	0.002	0.001	0.000	11/02/2023	10:54
9	O5170-01		1	2.55	100	7.52	2.14	0.002	0.004	0.002	0.001	11/02/2023	10:55
10	O5171-01		1	2.53	100	7.58	2.08	0.004	0.016	0.012	0.015	11/02/2023	10:56
11	O5171-01DU		1	2.56	100	7.54	2.10	0.004	0.015	0.011	0.013	11/02/2023	10:57
12	O5171-01MS	40	2	2.55	100	7.58	2.06	0.003	0.332	0.329	0.429	11/02/2023	10:58
13	O5171-01MS	1284	40	2.54	100	7.56	2.12	0.000	0.603	0.603	0.788	11/02/2023	10:59
14	O5171-01MS	40	2	2.55	100	7.58	2.10	0.002	0.389	0.387	0.505	11/02/2023	11:00
15	CCV2	0.5	1	100	100	7.44	1.93	0.000	0.386	0.386	0.504	11/02/2023	11:01
16	CCB2		1	100	100	7.27	1.76	0.000	0.001	0.001	0.000	11/02/2023	11:02