

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130413

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP107512
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Hexchrome Cleaning Solution	WP106152

Intercept: 0.0014

Slope: 0.7632

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	1.75	0.000	0.000	0.000	-0.00		04/19/2024	15:30
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.008	0.008	0.008	-20	04/19/2024	15:31
3	CAL3	0.025	1	100	100	7.38	1.88	0.0000	0.021	0.021	0.025	0	04/19/2024	15:32
4	CAL4	0.05	1	100	100	7.36	1.84	0.000	0.040	0.040	0.050	0	04/19/2024	15:33
5	CAL5	0.1	1	100	100	7.35	1.88	0.000	0.079	0.079	0.101	1	04/19/2024	15:34
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.384	0.384	0.501	0.2	04/19/2024	15:35
7	CAL7	1	1	100	100	7.37	1.86	0.000	0.764	0.764	0.999	-0.1	04/19/2024	15:36



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130413

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	0.383	0.383	0.500	04/19/2024	15:37
2	ICB		1	100	100	7.25	1.75	0.000	0.001	0.001	-0.001	04/19/2024	15:38
3	CCV1	0.5	1	100	100	7.43	1.94	0.000	0.386	0.386	0.504	04/19/2024	15:39
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	-0.001	04/19/2024	15:40
5	RL Check	0.01	1	100	100	7.41	1.91	0.000	0.009	0.009	0.010	04/19/2024	15:41
6	PB160411BL		1	2.50	100	7.28	1.75	0.000	0.001	0.001	-0.001	04/19/2024	15:42
7	PB160411BS	20	1	2.50	100	7.41	1.92	0.000	0.384	0.384	0.501	04/19/2024	15:43
8	P2194-01		1	2.56	100	7.56	2.06	0.012	0.014	0.002	0.001	04/19/2024	15:44
9	P2195-01		1	2.54	100	7.52	2.14	0.004	0.004	0.000	-0.002	04/19/2024	15:45
10	P2196-01		1	2.54	100	7.54	2.08	0.006	0.006	0.000	-0.002	04/19/2024	15:46
11	P2196-01DU		1	2.53	100	7.52	2.06	0.006	0.007	0.001	-0.001	04/19/2024	15:47
12	P2196-01MS	40	2	2.53	100	7.56	2.06	0.003	0.349	0.346	0.452	04/19/2024	15:48
13	P2196-01MS	1284	40	2.54	100	7.54	2.10	0.000	0.573	0.573	0.749	04/19/2024	15:49
14	P2196-01MS	40	2	2.53	100	7.52	2.12	0.002	0.379	0.377	0.492	04/19/2024	15:50
15	P2199-01		1	2.52	100	7.52	2.16	0.016	0.016	0.000	-0.002	04/19/2024	15:51
16	CCV2	0.5	1	100	100	7.45	1.96	0.000	0.386	0.386	0.504	04/19/2024	15:52
17	CCB2		1	100	100	7.25	1.76	0.000	0.001	0.001	-0.001	04/19/2024	15:53