



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120609

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97135
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0013

Slope: 0.7669

Regression: 0.999999

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	7.15	2.10	0.000	0.001	0.001	-0.00		06/10/2022	14:05
2	CAL2	0.01	1	100	100	7.35	1.79	0.000	0.009	0.009	0.010	0	06/10/2022	14:06
3	CAL3	0.025	1	100	100	7.28	1.95	0.000	0.020	0.020	0.024	4	06/10/2022	14:07
4	CAL4	0.05	1	100	100	7.52	1.82	0.000	0.040	0.040	0.050	0	06/10/2022	14:08
5	CAL5	0.1	1	100	100	7.41	2.08	0.000	0.078	0.078	0.100	0	06/10/2022	14:09
6	CAL6	0.5	1	100	100	7.85	2.34	0.000	0.385	0.385	0.500	0	06/10/2022	14:10
7	CAL7	1	1	100	100	7.76	2.19	0.000	0.768	0.768	0.999	0.1	06/10/2022	14:12

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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	7.62	2.08	0.000	0.380	0.380	0.494	06/10/2022	14:15
2	ICB		1	100	100	7.46	1.88	0.000	0.000	0.000	-0.002	06/10/2022	14:16
3	CCV1	0.5	1	100	100	7.28	1.79	0.000	0.379	0.379	0.493	06/10/2022	14:17
4	CCB1		1	100	100	7.46	1.95	0.000	0.001	0.001	0.000	06/10/2022	14:18
5	RL Check	0.01	1	100	100	7.62	2.05	0.000	0.010	0.010	0.011	06/10/2022	14:19
6	PB145438BL		1	2.50	100	7.58	2.30	0.000	0.002	0.002	0.001	06/10/2022	14:20
7	PB145438BS	20	1	2.50	100	7.19	2.28	0.000	0.355	0.355	0.461	06/10/2022	14:21
8	N3214-03		1	2.50	100	7.34	1.74	0.000	0.005	0.005	0.005	06/10/2022	14:25
9	N3234-02		1	2.52	100	7.28	1.95	0.013	0.013	0.000	-0.002	06/10/2022	14:26
10	N3251-01		1	2.55	100	7.59	1.85	0.011	0.012	0.001	0.000	06/10/2022	14:30
11	N3251-01DU		1	2.53	100	7.60	2.08	0.010	0.012	0.002	0.001	06/10/2022	14:31
12	N3251-01MS	40	2	2.54	100	7.49	2.34	0.008	0.352	0.344	0.447	06/10/2022	14:35
13	N3251-01MS	1284	40	2.57	100	7.70	1.40	0.005	0.630	0.625	0.813	06/10/2022	14:36
14	N3251-01MS	40	2	2.56	100	7.52	2.05	0.009	0.374	0.365	0.474	06/10/2022	14:37
15	N3267-01		1	2.53	100	7.61	2.34	0.018	0.019	0.001	0.000	06/10/2022	14:38
16	CCV2	0.5	1	100	100	7.14	2.18	0.000	0.377	0.377	0.490	06/10/2022	14:39
17	CCB2		1	100	100	7.08	2.25	0.000	0.002	0.002	0.001	06/10/2022	14:40
18	N3281-01		1	2.58	100	7.34	2.08	0.018	0.018	0.000	-0.002	06/10/2022	14:41
19	N3282-01		1	2.55	100	7.74	1.79	0.012	0.018	0.006	0.006	06/10/2022	14:42
20	CCV3	0.5	1	100	100	7.64	1.95	0.000	0.378	0.378	0.491	06/10/2022	14:43
21	CCB3		1	100	100	7.49	1.85	0.000	0.002	0.002	0.001	06/10/2022	14:45