



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120831

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97558
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0013

Slope: 0.7669

Regression: 0.999998

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	2.08	0.000	0.002	0.002	0.000		06/25/2022	13:35
2	CAL2	0.01	1	100	100	7.35	1.74	0.000	0.008	0.008	0.008	20	06/25/2022	13:36
3	CAL3	0.025	1	100	100	7.28	1.95	0.000	0.020	0.020	0.024	4	06/25/2022	13:37
4	CAL4	0.05	1	100	100	7.08	2.30	0.000	0.040	0.040	0.050	0	06/25/2022	13:38
5	CAL5	0.1	1	100	100	7.46	2.15	0.000	0.078	0.078	0.100	0	06/25/2022	13:39
6	CAL6	0.5	1	100	100	7.62	2.20	0.000	0.385	0.385	0.500	0	06/25/2022	13:40
7	CAL7	1	1	100	100	7.70	1.88	0.000	0.768	0.768	0.999	0.1	06/25/2022	13:41

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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	7.52	2.05	0.000	0.378	0.378	0.491	06/25/2022	13:45
2	ICB		1	100	100	7.60	1.88	0.000	0.002	0.002	0.001	06/25/2022	13:46
3	CCV1	0.5	1	100	100	7.49	1.74	0.000	0.377	0.377	0.490	06/25/2022	13:47
4	CCB1		1	100	100	7.34	1.95	0.000	0.001	0.001	0.000	06/25/2022	13:48
5	RL Check	0.01	1	100	100	7.19	1.82	0.000	0.010	0.010	0.011	06/25/2022	13:50
6	PB145843BL		1	2.50	100	7.25	2.30	0.000	0.002	0.002	0.001	06/25/2022	13:51
7	PB145843BS	20	1	2.50	100	7.32	2.15	0.002	0.351	0.349	0.453	06/25/2022	13:52
8	N3454-05		1	2.53	100	7.16	2.30	0.048	0.050	0.002	0.001	06/25/2022	13:55
9	N3454-08		1	2.52	100	7.05	2.25	0.080	0.083	0.003	0.002	06/25/2022	13:56
10	N3455-03		1	2.51	100	7.34	2.10	0.045	0.046	0.001	0.000	06/25/2022	13:57
11	N3455-09		1	2.53	100	7.19	1.89	0.039	0.040	0.001	0.000	06/25/2022	13:58
12	N3455-15		1	2.54	100	7.28	1.74	0.030	0.031	0.001	0.000	06/25/2022	13:59
13	N3468-01		1	2.57	100	7.36	1.82	0.030	0.031	0.001	0.000	06/25/2022	14:00
14	N3468-01DU		1	2.56	100	7.15	2.30	0.029	0.031	0.002	0.001	06/25/2022	14:02
15	N3468-01MS	40	2	2.55	100	7.25	2.16	0.027	0.340	0.313	0.406	06/25/2022	14:03
16	CCV2	0.5	1	100	100	7.28	2.20	0.000	0.379	0.379	0.493	06/25/2022	14:04
17	CCB2		1	100	100	7.34	1.79	0.000	0.002	0.002	0.001	06/25/2022	14:05
18	N3468-01MS	1284	40	2.58	100	7.46	1.92	0.020	0.627	0.607	0.790	06/25/2022	14:06
19	N3468-01MS	40	2	2.56	100	7.52	1.82	0.026	0.371	0.345	0.448	06/25/2022	14:07
20	N3469-01		1	2.55	100	7.19	2.09	0.008	0.008	0.000	-0.002	06/25/2022	14:08
21	N3478-02		1	2.54	100	7.30	1.72	0.006	0.006	0.000	-0.002	06/25/2022	14:09
22	N3494-01		1	2.56	100	7.14	2.08	0.019	0.020	0.001	0.000	06/25/2022	14:10
23	N3494-06		1	2.57	100	7.28	2.30	0.020	0.020	0.000	-0.002	06/25/2022	14:11
24	N3494-11		1	2.59	100	7.34	2.25	0.044	0.046	0.002	0.001	06/25/2022	14:12
25	N3494-16		1	2.56	100	7.19	2.16	0.038	0.040	0.002	0.001	06/25/2022	14:13
26	N3494-21		1	2.58	100	7.20	2.09	0.015	0.015	0.000	-0.002	06/25/2022	14:14
27	N3494-26		1	2.56	100	7.18	1.85	0.018	0.019	0.001	0.000	06/25/2022	14:15
28	CCV3	0.5	1	100	100	7.34	1.73	0.000	0.377	0.377	0.490	06/25/2022	14:16
29	CCB3		1	100	100	7.25	1.95	0.000	0.002	0.002	0.001	06/25/2022	14:17
30	N3494-31		1	2.59	100	7.35	2.30	0.041	0.043	0.002	0.001	06/25/2022	14:18
31	CCV4	0.5	1	100	100	7.62	2.15	0.000	0.378	0.378	0.491	06/25/2022	14:19
32	CCB4		1	100	100	7.41	2.20	0.000	0.001	0.001	0.000	06/25/2022	14:20