

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120665

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP97354
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0015

Slope: 0.7651

Regression: 0.999993

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	7.25	2.10	0.000	0.001	0.001	-0.00		06/14/2022	11:40
2	CAL2	0.01	1	100	100	7.18	1.88	0.000	0.008	0.008	0.008	20	06/14/2022	11:41
3	CAL3	0.025	1	100	100	7.34	1.79	0.000	0.020	0.020	0.024	4	06/14/2022	11:42
4	CAL4	0.05	1	100	100	7.62	1.95	0.000	0.040	0.040	0.050	0	06/14/2022	11:43
5	CAL5	0.1	1	100	100	7.45	2.34	0.000	0.080	0.080	0.102	-2	06/14/2022	11:44
6	CAL6	0.5	1	100	100	7.50	2.18	0.000	0.385	0.385	0.501	-0.2	06/14/2022	11:45
7	CAL7	1	1	100	100	7.74	2.20	0.000	0.766	0.766	0.999	0.1	06/14/2022	11:46

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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	7.62	2.12	0.000	0.384	0.384	0.500	06/14/2022	11:50
2	ICB		1	100	100	7.51	1.85	0.000	0.002	0.002	0.001	06/14/2022	11:51
3	CCV1	0.5	1	100	100	7.38	1.74	0.000	0.378	0.378	0.492	06/14/2022	11:52
4	CCB1		1	100	100	7.46	1.92	0.000	0.002	0.002	0.001	06/14/2022	11:53
5	RL Check	0.01	1	100	100	7.15	2.30	0.000	0.010	0.010	0.011	06/14/2022	11:55
6	PB145508BL		1	2.50	100	7.08	2.15	0.000	0.001	0.001	-0.001	06/14/2022	11:56
7	PB145508BS	20	1	2.50	100	7.19	2.28	0.000	0.355	0.355	0.462	06/14/2022	11:57
8	N3304-01		1	2.53	100	7.34	2.34	0.015	0.016	0.001	-0.001	06/14/2022	11:58
9	N3304-03		1	2.52	100	7.28	2.19	0.075	0.077	0.002	0.001	06/14/2022	12:00
10	N3304-05		1	2.55	100	7.46	2.28	0.013	0.013	0.000	-0.002	06/14/2022	12:01
11	N3319-01		1	2.56	100	7.28	2.30	0.018	0.018	0.000	-0.002	06/14/2022	12:02
12	N3319-01DU		1	2.57	100	7.34	2.15	0.017	0.018	0.001	-0.001	06/14/2022	12:03
13	N3319-01MS	40	2	2.56	100	7.28	1.85	0.016	0.337	0.321	0.418	06/14/2022	12:04
14	N3319-01MS	1284	40	2.58	100	7.36	1.76	0.012	0.627	0.615	0.802	06/14/2022	12:05
15	N3319-01MS	40	2	2.59	100	7.55	1.92	0.015	0.358	0.343	0.446	06/14/2022	12:06
16	CCV2	0.5	1	100	100	7.72	2.08	0.000	0.379	0.379	0.493	06/14/2022	12:07
17	CCB2		1	100	100	7.36	2.19	0.000	0.002	0.002	0.001	06/14/2022	12:08
18	N3327-01		1	2.57	100	7.40	2.34	0.014	0.015	0.001	-0.001	06/14/2022	12:10
19	N3327-03		1	2.56	100	7.58	2.28	0.022	0.023	0.001	-0.001	06/14/2022	12:11
20	N3327-05		1	2.55	100	7.34	2.08	0.012	0.012	0.000	-0.002	06/14/2022	12:15
21	N3329-01		1	2.54	100	7.18	1.79	0.019	0.020	0.001	-0.001	06/14/2022	12:16
22	N3329-03		1	2.56	100	7.20	1.93	0.018	0.019	0.001	-0.001	06/14/2022	12:17
23	N3329-05		1	2.58	100	7.34	2.40	0.029	0.030	0.001	-0.001	06/14/2022	12:18
24	N3334-01		1	2.59	100	7.46	2.25	0.012	0.012	0.000	-0.002	06/14/2022	12:19
25	N3334-07		1	2.58	100	7.59	1.73	0.019	0.019	0.000	-0.002	06/14/2022	12:20
26	N3334-13		1	2.07	100	7.34	1.95	0.027	0.028	0.001	-0.001	06/14/2022	12:22
27	N3334-19		1	2.56	100	7.25	2.18	0.017	0.017	0.000	-0.002	06/14/2022	12:23
28	CCV3	0.5	1	100	100	7.34	2.34	0.000	0.380	0.380	0.495	06/14/2022	12:24
29	CCB3		1	100	100	7.19	2.28	0.000	0.001	0.001	-0.001	06/14/2022	12:25