

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121367

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98143
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0018

Slope: 0.7636

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	7.50	2.15	0.000	0.001	0.001	-0.00		08/04/2022	14:35
2	CAL2	0.01	1	100	100	7.41	2.32	0.000	0.008	0.008	0.008	20	08/04/2022	14:36
3	CAL3	0.025	1	100	100	7.35	1.88	0.000	0.021	0.021	0.025	0	08/04/2022	14:37
4	CAL4	0.05	1	100	100	7.24	1.95	0.000	0.040	0.040	0.050	0	08/04/2022	14:38
5	CAL5	0.1	1	100	100	7.15	1.74	0.000	0.080	0.080	0.102	-2	08/04/2022	14:39
6	CAL6	0.5	1	100	100	7.49	2.08	0.000	0.384	0.384	0.500	0	08/04/2022	14:40
7	CAL7	1	1	100	100	7.68	1.76	0.000	0.765	0.765	0.999	0.1	08/04/2022	14:42

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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	7.74	2.06	0.000	0.382	0.382	0.498	08/04/2022	14:45
2	ICB		1	100	100	7.28	1.79	0.000	0.002	0.002	0.000	08/04/2022	14:46
3	CCV1	0.5	1	100	100	7.80	1.95	0.000	0.378	0.378	0.493	08/04/2022	14:50
4	CCB1		1	100	100	7.58	1.85	0.000	0.002	0.002	0.000	08/04/2022	14:51
5	RL Check	0.01	1	100	100	7.64	2.30	0.000	0.010	0.010	0.011	08/04/2022	14:52
6	PB146752BL		1	2.50	100	7.49	2.15	0.000	0.002	0.002	0.000	08/04/2022	14:53
7	PB146752BS	20	1	2.50	100	7.56	2.25	0.000	0.357	0.357	0.465	08/04/2022	14:55
8	N3980-03		1	2.53	100	7.62	1.95	0.000	0.005	0.005	0.004	08/04/2022	14:56
9	N3995-01		1	2.52	100	7.49	1.74	0.057	0.059	0.002	0.000	08/04/2022	14:57
10	N3995-01DU		1	2.51	100	7.58	2.30	0.055	0.057	0.002	0.000	08/04/2022	14:58
11	N3995-01MS	40	2	2.53	100	7.37	2.15	0.051	0.347	0.296	0.385	08/04/2022	14:59
12	N3995-01MS	1284	40	2.54	100	7.18	2.08	0.042	0.625	0.583	0.761	08/04/2022	15:00
13	N3995-01MS	40	2	2.51	100	7.25	2.36	0.052	0.389	0.337	0.439	08/04/2022	15:02
14	N3995-02		1	2.55	100	7.36	2.15	0.060	0.061	0.001	-0.001	08/04/2022	15:04
15	N3995-03		1	2.56	100	7.18	2.20	0.052	0.052	0.000	-0.002	08/04/2022	15:05
16	CCV2	0.5	1	100	100	7.28	1.89	0.000	0.377	0.377	0.491	08/04/2022	15:06
17	CCB2		1	100	100	7.34	1.74	0.000	0.002	0.002	0.000	08/04/2022	15:07
18	N4009-01		1	2.58	100	7.19	2.06	0.041	0.042	0.001	-0.001	08/04/2022	15:08
19	N4023-01		1	2.57	100	7.28	1.79	0.034	0.034	0.000	-0.002	08/04/2022	15:10
20	N4023-04		1	2.56	100	7.58	1.92	0.037	0.039	0.002	0.000	08/04/2022	15:12
21	N4023-07		1	2.55	100	7.46	1.88	0.039	0.040	0.001	-0.001	08/04/2022	15:13
22	N4032-01		1	2.56	100	7.82	2.08	0.028	0.030	0.002	0.000	08/04/2022	15:15
23	CCV3	0.5	1	100	100	7.37	2.30	0.000	0.378	0.378	0.493	08/04/2022	15:16
24	CCB3		1	100	100	7.46	2.15	0.000	0.002	0.002	0.000	08/04/2022	15:18