



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB121537

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP98316
5N sulfuric acid	WP96514
HNO3 Hex-Chrome, 5M	WP96513
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0009

Slope: 0.769

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	7.20	2.08	0.000	0.001	0.001	0.000		08/16/2022	10:35
2	CAL2	0.01	1	100	100	7.15	1.88	0.000	0.008	0.008	0.009	10	08/16/2022	10:36
3	CAL3	0.025	1	100	100	7.35	2.15	0.000	0.020	0.020	0.024	4	08/16/2022	10:37
4	CAL4	0.05	1	100	100	7.42	2.30	0.000	0.040	0.040	0.050	0	08/16/2022	10:38
5	CAL5	0.1	1	100	100	7.63	1.79	0.000	0.078	0.078	0.100	0	08/16/2022	10:39
6	CAL6	0.5	1	100	100	7.55	1.95	0.000	0.385	0.385	0.499	0.2	08/16/2022	10:40
7	CAL7	1	1	100	100	7.18	1.80	0.000	0.770	0.770	1.000	0	08/16/2022	10:41

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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	7.08	2.05	0.000	0.381	0.381	0.494	08/16/2022	10:45
2	ICB		1	100	100	7.62	1.79	0.000	0.002	0.002	0.001	08/16/2022	10:46
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.380	0.380	0.493	08/16/2022	10:47
4	CCB1		1	100	100	7.50	1.82	0.000	0.002	0.002	0.001	08/16/2022	10:48
5	RL Check	0.01	1	100	100	7.14	2.30	0.000	0.010	0.010	0.012	08/16/2022	10:49
6	PB147007BL		1	2.50	100	7.32	2.15	0.000	0.001	0.001	0.000	08/16/2022	10:50
7	PB147007BS	20	1	2.50	100	7.19	2.25	0.000	0.355	0.355	0.460	08/16/2022	10:51
8	N4200-01		1	2.56	100	7.28	1.74	0.009	0.009	0.000	-0.001	08/16/2022	10:52
9	N4200-01DU		1	2.54	100	7.31	1.92	0.008	0.009	0.001	0.000	08/16/2022	10:53
10	N4200-01MS	40	2	2.53	100	7.25	1.82	0.005	0.345	0.340	0.441	08/16/2022	10:54
11	N4200-01MS	1284	40	2.55	100	7.08	2.08	0.002	0.620	0.618	0.802	08/16/2022	10:55
12	N4200-01MS	40	2	2.57	100	7.14	2.10	0.006	0.377	0.371	0.481	08/16/2022	10:56
13	N4200-04		1	2.56	100	7.34	2.35	0.017	0.018	0.001	0.000	08/16/2022	10:57
14	N4200-07		1	2.59	100	7.25	2.25	0.015	0.016	0.001	0.000	08/16/2022	10:58
15	N4200-10		1	2.57	100	7.62	1.87	0.018	0.018	0.000	-0.001	08/16/2022	10:59
16	CCV2	0.5	1	100	100	7.46	1.76	0.000	0.377	0.377	0.489	08/16/2022	11:00
17	CCB2		1	100	100	7.18	1.92	0.000	0.001	0.001	0.000	08/16/2022	11:01
18	N4200-13		1	2.58	100	7.34	2.36	0.022	0.023	0.001	0.000	08/16/2022	11:02
19	N4200-16		1	2.56	100	7.19	2.14	0.015	0.016	0.001	0.000	08/16/2022	11:03
20	N4215-01		1	2.58	100	7.19	2.20	0.014	0.014	0.000	-0.001	08/16/2022	11:05
21	N4215-03		1	2.57	100	7.34	1.87	0.009	0.009	0.000	-0.001	08/16/2022	11:06
22	N4215-05		1	2.59	100	7.20	1.93	0.008	0.009	0.001	0.000	08/16/2022	11:07
23	N4216-01		1	2.55	100	7.65	1.85	0.006	0.006	0.000	-0.001	08/16/2022	11:08
24	CCV3	0.5	1	100	100	7.41	2.07	0.000	0.378	0.378	0.490	08/16/2022	11:09
25	CCB3		1	100	100	7.28	2.31	0.000	0.002	0.002	0.001	08/16/2022	11:10