



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB119851

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP96433
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP95568

Intercept: 0.0017

Slope: 0.7681

Regression: 0.999997

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	2.15	0.000	0.001	0.001	-0.00		04/27/2022	10:25
2	CAL2	0.01	1	100	100	7.19	1.88	0.000	0.009	0.009	0.009	10	04/27/2022	10:26
3	CAL3	0.025	1	100	100	7.30	1.79	0.000	0.021	0.021	0.025	0	04/27/2022	10:27
4	CAL4	0.05	1	100	100	7.25	1.95	0.000	0.040	0.040	0.049	2	04/27/2022	10:28
5	CAL5	0.1	1	100	100	7.40	2.30	0.000	0.080	0.080	0.101	-1	04/27/2022	10:29
6	CAL6	0.5	1	100	100	7.62	2.18	0.000	0.385	0.385	0.499	0.2	04/27/2022	10:30
7	CAL7	1	1	100	100	7.28	2.25	0.000	0.770	0.770	1.000	0	04/27/2022	10:31

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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	7.36	2.15	0.000	0.382	0.382	0.495	04/27/2022	10:35
2	ICB		1	100	100	7.18	2.30	0.000	0.002	0.002	0.000	04/27/2022	10:36
3	CCV1	0.5	1	100	100	7.28	1.88	0.000	0.381	0.381	0.494	04/27/2022	10:37
4	CCB1		1	100	100	7.45	1.79	0.000	0.001	0.001	-0.001	04/27/2022	10:38
5	RL Check	0.01	1	100	100	7.62	1.95	0.000	0.010	0.010	0.011	04/27/2022	10:40
6	PB144308BL		1	2.50	100	7.50	1.82	0.000	0.002	0.002	0.000	04/27/2022	10:41
7	PB144308BS	20	1	2.50	100	7.34	2.08	0.000	0.356	0.356	0.461	04/27/2022	10:45
8	N2526-01		1	2.53	100	7.19	2.30	0.013	0.014	0.001	-0.001	04/27/2022	10:47
9	N2526-01DU		1	2.52	100	7.28	2.28	0.012	0.014	0.002	0.000	04/27/2022	10:48
10	N2526-01MS	40	2	2.55	100	7.26	2.18	0.010	0.237	0.227	0.293	04/27/2022	10:49
11	N2526-01MS	1284	40	2.53	100	7.34	2.08	0.007	0.629	0.622	0.808	04/27/2022	10:50
12	N2526-01MS	40	2	2.54	100	7.15	1.88	0.011	0.361	0.350	0.453	04/27/2022	10:51
13	N2526-04		1	2.57	100	7.20	1.76	0.019	0.020	0.001	-0.001	04/27/2022	10:52
14	N2526-07		1	2.56	100	7.08	1.92	0.028	0.029	0.001	-0.001	04/27/2022	10:53
15	N2548-01		1	2.55	100	7.45	1.82	0.017	0.018	0.001	-0.001	04/27/2022	10:54
16	CCV2	0.5	1	100	100	7.62	2.05	0.000	0.379	0.379	0.491	04/27/2022	10:55
17	CCB2		1	100	100	7.74	2.14	0.000	0.002	0.002	0.000	04/27/2022	10:56
18	N2548-04		1	2.58	100	7.38	2.34	0.026	0.028	0.002	0.000	04/27/2022	10:57
19	N2548-07		1	2.56	100	7.52	2.40	0.036	0.037	0.001	-0.001	04/27/2022	10:58
20	N2548-10		1	2.54	100	7.71	2.32	0.031	0.032	0.001	-0.001	04/27/2022	10:59
21	N2555-01		1	2.56	100	7.62	2.29	0.081	0.083	0.002	0.000	04/27/2022	11:01
22	N2559-01		1	2.58	100	7.58	2.14	0.012	0.012	0.000	-0.002	04/27/2022	11:02
23	N2559-04		1	2.57	100	7.49	2.06	0.027	0.028	0.001	-0.001	04/27/2022	11:03
24	N2560-01		1	2.59	100	7.63	1.87	0.026	0.027	0.001	-0.001	04/27/2022	11:04
25	N2567-01		1	2.57	100	7.59	1.76	0.021	0.022	0.001	-0.001	04/27/2022	11:05
26	N2572-01		1	2.58	100	7.29	1.93	0.012	0.012	0.000	-0.002	04/27/2022	11:06
27	N2572-04		1	2.56	100	7.16	2.35	0.014	0.015	0.001	-0.001	04/27/2022	11:07
28	CCV3	0.5	1	100	100	7.39	2.19	0.000	0.380	0.380	0.493	04/27/2022	11:08
29	CCB3		1	100	100	7.14	2.08	0.000	0.001	0.001	-0.001	04/27/2022	11:10