

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118124

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94677
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0017

Slope: 0.7672

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	7.25	2.08	0.000	0.001	0.001	-0.00		01/08/2022	13:42
2	CAL2	0.01	1	100	100	7.10	2.15	0.000	0.009	0.009	0.009	10	01/08/2022	13:43
3	CAL3	0.025	1	100	100	7.35	1.88	0.000	0.021	0.021	0.025	0	01/08/2022	13:45
4	CAL4	0.05	1	100	100	7.42	1.74	0.000	0.040	0.040	0.049	2	01/08/2022	13:46
5	CAL5	0.1	1	100	100	7.63	1.95	0.000	0.080	0.080	0.102	-2	01/08/2022	13:47
6	CAL6	0.5	1	100	100	7.52	2.35	0.000	0.385	0.385	0.499	0.2	01/08/2022	13:48
7	CAL7	1	1	100	100	7.71	2.20	0.000	0.769	0.769	1.000	0	01/08/2022	13:49

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Run Number: LB118124

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	7.60	2.18	0.000	0.381	0.381	0.494	01/08/2022	13:55
2	ICB		1	100	100	7.58	2.35	0.000	0.002	0.002	0.000	01/08/2022	13:56
3	CCV1	0.5	1	100	100	7.82	2.20	0.000	0.378	0.378	0.490	01/08/2022	13:58
4	CCB1		1	100	100	7.49	1.88	0.000	0.001	0.001	-0.001	01/08/2022	13:58
5	RL Check	0.01	1	100	100	7.64	1.74	0.000	0.010	0.010	0.011	01/08/2022	14:00
6	PB141929BL		1	2.50	100	7.58	1.95	0.000	0.001	0.001	-0.001	01/08/2022	14:01
7	PB141929BS	20	1	2.50	100	7.27	2.08	0.002	0.354	0.352	0.457	01/08/2022	14:02
8	N1054-01		1	2.55	100	7.34	2.16	0.052	0.054	0.002	0.000	01/08/2022	14:05
9	N1054-02		1	2.56	100	7.18	2.34	0.043	0.044	0.001	-0.001	01/08/2022	14:06
10	N1054-03		1	2.58	100	7.09	2.28	0.056	0.057	0.001	-0.001	01/08/2022	14:07
11	N1054-04		1	2.57	100	7.28	1.88	0.047	0.049	0.002	0.000	01/08/2022	14:08
12	N1054-05		1	2.56	100	7.49	1.74	0.065	0.067	0.002	0.000	01/08/2022	14:10
13	N1054-06		1	2.54	100	7.67	1.95	0.055	0.056	0.001	-0.001	01/08/2022	14:11
14	N1065-01		1	2.59	100	7.53	2.30	0.034	0.035	0.001	-0.001	01/08/2022	14:15
15	N1065-01DU		1	2.57	100	7.19	2.18	0.033	0.035	0.002	0.000	01/08/2022	14:16
16	CCV2	0.5	1	100	100	7.34	2.25	0.000	0.379	0.379	0.492	01/08/2022	14:18
17	CCB2		1	100	100	7.28	1.98	0.000	0.002	0.002	0.000	01/08/2022	14:19
18	N1065-01MS	40	2	2.58	100	7.37	1.75	0.031	0.351	0.320	0.415	01/08/2022	14:20
19	N1065-01MS	1284	40	2.56	100	7.28	1.82	0.028	0.629	0.601	0.781	01/08/2022	14:21
20	N1065-01MS	40	2	2.55	100	7.15	2.19	0.030	0.389	0.359	0.466	01/08/2022	14:25
21	N1065-06		1	2.54	100	7.20	2.34	0.025	0.026	0.001	-0.001	01/08/2022	14:26
22	N1065-10		1	2.53	100	7.16	2.26	0.035	0.036	0.001	-0.001	01/08/2022	14:28
23	N1065-14		1	2.59	100	7.34	2.08	0.029	0.030	0.001	-0.001	01/08/2022	14:29
24	N1065-18		1	2.58	100	7.34	1.74	0.040	0.042	0.002	0.000	01/08/2022	14:30
25	N1065-22		1	2.57	100	7.23	1.93	0.028	0.029	0.001	-0.001	01/08/2022	14:31
26	N1065-26		1	2.58	100	7.14	1.82	0.032	0.033	0.001	-0.001	01/08/2022	14:32
27	N1065-30		1	2.57	100	7.29	2.14	0.039	0.040	0.001	-0.001	01/08/2022	14:35
28	CCV3	0.5	1	100	100	7.41	2.35	0.000	0.380	0.380	0.493	01/08/2022	14:36
29	CCB3		1	100	100	7.50	2.20	0.000	0.001	0.001	-0.001	01/08/2022	14:37
30	N1065-34		1	2.56	100	7.64	2.40	0.041	0.042	0.001	-0.001	01/08/2022	14:38
31	N1065-38		1	2.59	100	7.57	2.34	0.028	0.028	0.000	-0.002	01/08/2022	14:40
32	N1065-42		1	2.58	100	7.29	2.18	0.035	0.036	0.001	-0.001	01/08/2022	14:41
33	CCV4	0.5	1	100	100	7.30	1.89	0.000	0.377	0.377	0.489	01/08/2022	14:42
34	CCB4		1	100	100	7.47	1.73	0.000	0.001	0.001	-0.001	01/08/2022	14:42