



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118298

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94876
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

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	7.28	2.10	0.000	0.001	0.001	-0.00		01/20/2022	13:15
2	CAL2	0.01	1	100	100	7.14	1.88	0.000	0.009	0.009	0.009	10	01/20/2022	13:16
3	CAL3	0.025	1	100	100	7.20	1.74	0.000	0.021	0.021	0.025	0	01/20/2022	13:17
4	CAL4	0.05	1	100	100	7.45	1.95	0.000	0.040	0.040	0.049	2	01/20/2022	13:18
5	CAL5	0.1	1	100	100	7.62	2.30	0.000	0.080	0.080	0.101	-1	01/20/2022	13:19
6	CAL6	0.5	1	100	100	7.55	2.15	0.000	0.385	0.385	0.499	0.2	01/20/2022	13:20
7	CAL7	1	1	100	100	7.37	2.20	0.000	0.770	0.770	1.000	0	01/20/2022	13:21

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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	7.18	2.16	0.000	0.382	0.382	0.495	01/20/2022	13:25
2	ICB		1	100	100	7.26	1.88	0.000	0.002	0.002	0.000	01/20/2022	13:26
3	CCV1	0.5	1	100	100	7.34	1.74	0.000	0.379	0.379	0.491	01/20/2022	13:27
4	CCB1		1	100	100	7.25	1.95	0.000	0.001	0.001	-0.001	01/20/2022	13:28
5	RL Check	0.01	1	100	100	7.15	1.85	0.000	0.010	0.010	0.011	01/20/2022	13:29
6	PB142152BL		1	2.50	100	7.62	1.76	0.000	0.002	0.002	0.000	01/20/2022	13:30
7	PB142152BS	20	1	2.50	100	7.70	1.82	0.000	0.355	0.355	0.460	01/20/2022	13:32
8	N1188-01		1	2.55	100	7.62	1.96	0.029	0.030	0.001	-0.001	01/20/2022	13:35
9	N1189-01		1	2.53	100	7.41	2.08	0.023	0.024	0.001	-0.001	01/20/2022	13:36
10	N1189-01DU		1	2.51	100	7.30	2.16	0.022	0.024	0.002	0.000	01/20/2022	13:37
11	N1189-01MS	40	2	2.53	100	7.29	2.34	0.020	0.222	0.202	0.261	01/20/2022	13:38
12	N1189-01MS	1284	40	2.54	100	7.17	2.25	0.015	0.628	0.613	0.796	01/20/2022	13:39
13	N1189-01MS	40	2	2.52	100	7.28	2.15	0.021	0.275	0.254	0.328	01/20/2022	13:40
14	N1189-03		1	2.55	100	7.34	2.30	0.005	0.005	0.000	-0.002	01/20/2022	13:41
15	N1189-05		1	2.56	100	7.28	2.14	0.022	0.023	0.001	-0.001	01/20/2022	13:42
16	CCV2	0.5	1	100	100	7.14	2.38	0.000	0.378	0.378	0.490	01/20/2022	13:43
17	CCB2		1	100	100	7.36	2.28	0.000	0.002	0.002	0.000	01/20/2022	13:44
18	N1189-07		1	2.55	100	7.28	2.19	0.025	0.025	0.000	-0.002	01/20/2022	13:45
19	N1189-09		1	2.57	100	7.34	2.32	0.008	0.008	0.000	-0.002	01/20/2022	13:46
20	N1189-11		1	2.59	100	7.18	1.85	0.007	0.007	0.000	-0.002	01/20/2022	13:47
21	N1189-13		1	2.57	100	7.28	1.72	0.025	0.026	0.001	-0.001	01/20/2022	13:48
22	N1189-15		1	2.58	100	7.34	1.96	0.015	0.015	0.000	-0.002	01/20/2022	13:49
23	N1189-17		1	2.56	100	7.28	2.09	0.014	0.014	0.000	-0.002	01/20/2022	13:50
24	N1189-19		1	2.54	100	7.16	2.10	0.005	0.005	0.000	-0.002	01/20/2022	13:51
25	N1189-21		1	2.55	100	7.34	2.34	0.010	0.010	0.000	-0.002	01/20/2022	13:52
26	N1189-23		1	2.57	100	7.28	2.20	0.015	0.015	0.000	-0.002	01/20/2022	13:53
27	N1189-25		1	2.59	100	7.18	2.18	0.010	0.010	0.000	-0.002	01/20/2022	13:54
28	CCV3	0.5	1	100	100	7.34	2.34	0.000	0.379	0.379	0.491	01/20/2022	13:55
29	CCB3		1	100	100	7.28	2.20	0.000	0.002	0.002	0.000	01/20/2022	13:56
30	N1189-27		1	2.58	100	7.18	2.18	0.017	0.018	0.001	-0.001	01/20/2022	13:57
31	N1189-29		1	2.56	100	7.25	2.34	0.011	0.011	0.000	-0.002	01/20/2022	13:58
32	CCV4	0.5	1	100	100	7.34	1.88	0.000	0.377	0.377	0.489	01/20/2022	13:59
33	CCB4		1	100	100	7.18	1.74	0.000	0.002	0.002	0.000	01/20/2022	14:00