

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118437

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94997
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0014

Slope: 0.7689

Regression: 0.999995

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	2.05	0.000	0.001	0.001	-0.00		01/28/2022	14:25
2	CAL2	0.01	1	100	100	7.34	1.88	0.000	0.009	0.009	0.009	10	01/28/2022	14:26
3	CAL3	0.025	1	100	100	7.28	1.78	0.000	0.021	0.021	0.025	0	01/28/2022	14:27
4	CAL4	0.05	1	100	100	7.34	1.95	0.000	0.040	0.040	0.050	0	01/28/2022	14:28
5	CAL5	0.1	1	100	100	7.19	2.30	0.000	0.079	0.079	0.100	0	01/28/2022	14:29
6	CAL6	0.5	1	100	100	7.25	2.15	0.000	0.384	0.384	0.497	0.6	01/28/2022	14:30
7	CAL7	1	1	100	100	7.34	2.09	0.000	0.771	0.771	1.000	0	01/28/2022	14:31

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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	7.14	2.10	0.000	0.380	0.380	0.492	01/28/2022	14:35
2	ICB		1	100	100	7.28	2.35	0.000	0.002	0.002	0.001	01/28/2022	14:36
3	CCV1	0.5	1	100	100	7.36	2.20	0.000	0.379	0.379	0.491	01/28/2022	14:37
4	CCB1		1	100	100	7.52	1.88	0.000	0.001	0.001	-0.001	01/28/2022	14:38
5	RL Check	0.01	1	100	100	7.17	1.74	0.000	0.010	0.010	0.011	01/28/2022	14:40
6	PB142350BL		1	2.50	100	7.29	1.95	0.000	0.001	0.001	-0.001	01/28/2022	14:41
7	PB142350BS	20	1	2.50	100	7.34	2.30	0.000	0.355	0.355	0.460	01/28/2022	14:42
8	N1284-01		1	2.53	100	7.27	2.18	0.052	0.054	0.002	0.001	01/28/2022	14:44
9	N1303-01		1	2.52	100	7.34	2.20	0.007	0.007	0.000	-0.002	01/28/2022	14:45
10	N1303-01DU		1	2.55	100	7.28	1.74	0.006	0.006	0.000	-0.002	01/28/2022	14:46
11	N1303-01MS	40	2	2.56	100	7.18	1.95	0.003	0.166	0.163	0.210	01/28/2022	14:47
12	N1303-01MS	1284	40	2.54	100	7.34	1.82	0.002	0.635	0.633	0.821	01/28/2022	14:48
13	N1303-01MS	40	2	2.53	100	7.19	2.30	0.004	0.264	0.260	0.336	01/28/2022	14:50
14	N1303-03		1	2.55	100	7.28	2.44	0.009	0.009	0.000	-0.002	01/28/2022	14:51
15	N1303-05		1	2.56	100	7.34	1.72	0.007	0.007	0.000	-0.002	01/28/2022	14:52
16	CCV2	0.5	1	100	100	7.50	1.95	0.000	0.377	0.377	0.488	01/28/2022	14:53
17	CCB2		1	100	100	7.74	2.28	0.000	0.001	0.001	-0.001	01/28/2022	14:54
18	N1303-07		1	2.54	100	7.62	2.10	0.006	0.006	0.000	-0.002	01/28/2022	14:55
19	N1303-09		1	2.57	100	7.46	1.88	0.005	0.005	0.000	-0.002	01/28/2022	14:56
20	N1309-11		1	2.55	100	7.34	1.72	0.008	0.008	0.000	-0.002	01/28/2022	14:57
21	N1313-01		1	2.54	100	7.29	1.90	0.008	0.008	0.000	-0.002	01/28/2022	14:58
22	N1316-01		1	2.56	100	7.19	2.30	0.010	0.011	0.001	-0.001	01/28/2022	14:59
23	N1319-01		1	2.58	100	7.25	2.15	0.057	0.059	0.002	0.001	01/28/2022	15:00
24	N1319-04		1	2.59	100	7.34	2.37	0.034	0.035	0.001	-0.001	01/28/2022	15:02
25	N1319-07		1	2.54	100	7.66	2.40	0.027	0.028	0.001	-0.001	01/28/2022	15:03
26	N1319-10		1	2.56	100	7.74	1.79	0.018	0.019	0.001	-0.001	01/28/2022	15:04
27	CCV3	0.5	1	100	100	7.58	1.97	0.000	0.379	0.379	0.491	01/28/2022	15:05
28	CCB3		1	100	100	7.60	1.85	0.000	0.001	0.001	-0.001	01/28/2022	15:06