

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116597

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93161
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0007

Slope: 0.7692

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	7.15	2.13	0.000	0.001	0.001	0.000		10/01/2021	11:25
2	CAL2	0.01	1	100	100	7.34	2.34	0.000	0.008	0.008	0.009	10	10/01/2021	11:26
3	CAL3	0.025	1	100	100	7.28	2.28	0.000	0.020	0.020	0.025	0	10/01/2021	11:27
4	CAL4	0.05	1	100	100	7.45	1.98	0.000	0.039	0.039	0.049	2	10/01/2021	11:28
5	CAL5	0.1	1	100	100	7.62	1.74	0.000	0.078	0.078	0.100	0	10/01/2021	11:29
6	CAL6	0.5	1	100	100	7.52	1.85	0.000	0.385	0.385	0.499	0.2	10/01/2021	11:30
7	CAL7	1	1	100	100	7.28	2.08	0.000	0.770	0.770	1.000	0	10/01/2021	11:31

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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	7.34	2.09	0.000	0.380	0.380	0.493	10/01/2021	11:35
2	ICB		1	100	100	7.18	1.95	0.000	0.002	0.002	0.002	10/01/2021	11:36
3	CCV1	0.5	1	100	100	7.20	1.73	0.000	0.379	0.379	0.492	10/01/2021	11:38
4	CCB1		1	100	100	7.18	1.84	0.000	0.001	0.001	0.000	10/01/2021	11:39
5	RL Check	0.01	1	100	100	7.34	2.14	0.000	0.010	0.010	0.012	10/01/2021	11:40
6	PB139451BL		1	2.50	100	7.28	2.35	0.000	0.002	0.002	0.002	10/01/2021	11:41
7	PB139451BS	20	1	2.50	100	7.14	2.20	0.002	0.361	0.359	0.466	10/01/2021	11:42
8	M3970-01		1	2.55	100	7.28	1.74	0.035	0.037	0.002	0.002	10/01/2021	11:43
9	M3970-01DU		1	2.53	100	7.34	1.95	0.034	0.036	0.002	0.002	10/01/2021	11:44
10	M3970-01MS	40	2	2.52	100	7.14	1.80	0.032	0.273	0.241	0.312	10/01/2021	11:45
11	M3970-01MS	1284	40	2.54	100	7.34	2.34	0.030	0.631	0.601	0.780	10/01/2021	11:46
12	M3970-01MS	40	2	2.53	100	7.24	2.24	0.033	0.321	0.288	0.374	10/01/2021	11:47
13	M3971-01		1	2.56	100	7.34	2.14	0.022	0.023	0.001	0.000	10/01/2021	11:48
14	M3971-04		1	2.57	100	7.18	2.10	0.030	0.031	0.001	0.000	10/01/2021	11:49
15	M3971-07		1	2.59	100	7.29	2.34	0.063	0.065	0.002	0.002	10/01/2021	11:50
16	CCV2	0.5	1	100	100	7.34	2.20	0.000	0.381	0.381	0.494	10/01/2021	11:51
17	CCB2		1	100	100	7.18	1.95	0.000	0.002	0.002	0.002	10/01/2021	11:52
18	M3971-10		1	2.58	100	7.28	1.74	0.027	0.028	0.001	0.000	10/01/2021	11:53
19	M4007-01		1	2.55	100	7.34	1.85	0.045	0.047	0.002	0.002	10/01/2021	11:54
20	CCV3	0.5	1	100	100	7.58	2.08	0.000	0.378	0.378	0.491	10/01/2021	11:55
21	CCB3		1	100	100	7.62	2.10	0.000	0.001	0.001	0.000	10/01/2021	11:56