

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117732

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94208
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0015

Slope: 0.7683

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	7.10	2.08	0.000	0.002	0.002	0.000		12/09/2021	13:25
2	CAL2	0.01	1	100	100	7.35	2.15	0.000	0.009	0.009	0.009	10	12/09/2021	13:26
3	CAL3	0.025	1	100	100	7.27	2.34	0.000	0.020	0.020	0.024	4	12/09/2021	13:27
4	CAL4	0.05	1	100	100	7.62	2.20	0.000	0.039	0.039	0.048	4	12/09/2021	13:30
5	CAL5	0.1	1	100	100	7.54	2.14	0.000	0.080	0.080	0.102	-2	12/09/2021	13:31
6	CAL6	0.5	1	100	100	7.28	2.25	0.000	0.385	0.385	0.499	0.2	12/09/2021	13:32
7	CAL7	1	1	100	100	7.18	2.34	0.000	0.770	0.770	1.000	0	12/09/2021	13:35

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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	1.88	0.000	0.380	0.380	0.493	12/09/2021	13:38
2	ICB		1	100	100	7.28	1.74	0.000	0.001	0.001	-0.001	12/09/2021	13:40
3	CCV1	0.5	1	100	100	7.18	1.95	0.000	0.379	0.379	0.491	12/09/2021	13:41
4	CCB1		1	100	100	7.37	2.09	0.000	0.002	0.002	0.001	12/09/2021	13:42
5	RL Check	0.01	1	100	100	7.50	2.10	0.000	0.010	0.010	0.011	12/09/2021	13:45
6	PB141272BL		1	2.50	100	7.74	2.34	0.000	0.002	0.002	0.001	12/09/2021	13:46
7	PB141272BS	20	1	2.50	100	7.85	2.25	0.000	0.355	0.355	0.460	12/09/2021	13:50
8	M4860-01		1	2.53	100	7.62	2.08	0.077	0.078	0.001	-0.001	12/09/2021	13:51
9	M4860-01DU		1	2.52	100	7.54	1.87	0.075	0.077	0.002	0.001	12/09/2021	13:52
10	M4860-01MS	40	2	2.51	100	7.60	1.95	0.072	0.106	0.034	0.042	12/09/2021	13:55
11	M4860-01MS	1284	40	2.53	100	7.47	1.74	0.068	0.628	0.560	0.727	12/09/2021	13:56
12	M4860-01MS	40	2	2.54	100	7.62	2.30	0.073	0.383	0.310	0.402	12/09/2021	13:58
13	M4967-01		1	2.56	100	7.51	2.14	0.045	0.046	0.001	-0.001	12/09/2021	14:00
14	M4967-04		1	2.55	100	7.41	2.20	0.030	0.031	0.001	-0.001	12/09/2021	14:01
15	M4967-07		1	2.56	100	7.34	1.88	0.032	0.033	0.001	-0.001	12/09/2021	14:02
16	CCV2	0.5	1	100	100	7.28	1.74	0.000	0.377	0.377	0.489	12/09/2021	14:05
17	CCB2		1	100	100	7.18	1.95	0.000	0.002	0.002	0.001	12/09/2021	14:06
18	M4967-10		1	2.58	100	7.34	1.85	0.028	0.029	0.001	-0.001	12/09/2021	14:07
19	M4967-13		1	2.54	100	7.24	2.08	0.068	0.070	0.002	0.001	12/09/2021	14:08
20	CCV3	0.5	1	100	100	7.34	2.30	0.000	0.378	0.378	0.490	12/09/2021	14:10
21	CCB3		1	100	100	7.27	2.14	0.000	0.001	0.001	-0.001	12/09/2021	14:10