

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113960

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90481
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0011

Slope: 0.7647

Regression: 0.999996

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	7.16	2.08	0.000	0.001	0.001	-0.00		04/12/2021	15:25
2	CAL2	0.01	1	100	100	7.34	1.98	0.000	0.008	0.008	0.009	10	04/12/2021	15:26
3	CAL3	0.025	1	100	100	7.25	1.78	0.000	0.020	0.020	0.024	4	04/12/2021	15:27
4	CAL4	0.05	1	100	100	7.46	1.88	0.000	0.039	0.039	0.049	2	04/12/2021	15:28
5	CAL5	0.1	1	100	100	7.63	2.25	0.000	0.078	0.078	0.100	0	04/12/2021	15:29
6	CAL6	0.5	1	100	100	7.52	2.34	0.000	0.385	0.385	0.502	-0.4	04/12/2021	15:30
7	CAL7	1	1	100	100	7.68	2.15	0.000	0.765	0.765	0.998	0.2	04/12/2021	15:31

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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	7.70	2.08	0.000	0.385	0.385	0.502	04/12/2021	15:32
2	ICB		1	100	100	7.50	1.80	0.000	0.001	0.001	0.000	04/12/2021	15:33
3	CCV1	0.5	1	100	100	7.24	1.92	0.000	0.383	0.383	0.499	04/12/2021	15:34
4	CCB1		1	100	100	7.12	1.74	0.000	0.001	0.001	0.000	04/12/2021	15:35
5	RL Check	0.01	1	100	100	7.34	2.34	0.000	0.009	0.009	0.010	04/12/2021	15:36
6	PB135694BL		1	2.50	100	7.14	2.26	0.000	0.002	0.002	0.001	04/12/2021	15:37
7	PB135694BS	20	1	2.50	100	7.08	2.14	0.003	0.356	0.353	0.460	04/12/2021	15:38
8	M1998-01		1	2.53	100	7.33	1.85	0.065	0.067	0.002	0.001	04/12/2021	15:39
9	M1998-02		1	2.55	100	7.41	1.72	0.032	0.033	0.001	0.000	04/12/2021	15:40
10	M1998-03		1	2.54	100	7.53	1.96	0.070	0.072	0.002	0.001	04/12/2021	15:41
11	M1998-04		1	2.52	100	7.63	2.09	0.040	0.042	0.002	0.001	04/12/2021	15:42
12	M1998-05		1	2.54	100	7.72	2.41	0.036	0.037	0.001	0.000	04/12/2021	15:43
13	M1998-06		1	2.56	100	7.41	2.31	0.048	0.049	0.001	0.000	04/12/2021	15:44
14	M1998-07		1	2.52	100	7.34	2.20	0.050	0.052	0.002	0.001	04/12/2021	15:45
15	M1998-08		1	2.51	100	7.28	1.74	0.041	0.043	0.002	0.001	04/12/2021	15:46
16	CCV2	0.5	1	100	100	7.30	1.96	0.000	0.381	0.381	0.497	04/12/2021	15:47
17	CCB2		1	100	100	7.25	2.08	0.000	0.001	0.001	0.000	04/12/2021	15:48
18	M1998-08DU		1	2.50	100	7.14	1.88	0.040	0.042	0.002	0.001	04/12/2021	15:49
19	M1998-09MS	40	2	2.52	100	7.62	1.72	0.035	0.095	0.060	0.077	04/12/2021	15:50
20	M1998-09MS	1284	40	2.53	100	7.74	1.92	0.030	0.652	0.622	0.812	04/12/2021	15:51
21	M1998-09MS	40	2	2.51	100	7.52	2.37	0.033	0.125	0.092	0.119	04/12/2021	15:52
22	M1998-11		1	2.53	100	7.41	2.40	0.031	0.032	0.001	0.000	04/12/2021	15:53
23	M1998-12		1	2.52	100	7.36	2.34	0.033	0.034	0.001	0.000	04/12/2021	15:54
24	CCV3	0.5	1	100	100	7.05	2.14	0.000	0.380	0.380	0.495	04/12/2021	15:55
25	CCB3		1	100	100	7.34	1.85	0.000	0.000	0.000	-0.001	04/12/2021	15:56