

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113754

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90202
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	7.19	2.26	0.000	0.001	0.001	-0.00		03/30/2021	14:55
2	CAL2	0.01	1	100	100	7.32	1.89	0.000	0.008	0.008	0.009	10	03/30/2021	14:56
3	CAL3	0.025	1	100	100	7.24	1.78	0.000	0.020	0.020	0.024	4	03/30/2021	14:57
4	CAL4	0.05	1	100	100	7.46	2.09	0.000	0.039	0.039	0.049	2	03/30/2021	14:58
5	CAL5	0.1	1	100	100	7.66	1.85	0.000	0.078	0.078	0.100	0	03/30/2021	14:59
6	CAL6	0.5	1	100	100	7.50	2.07	0.000	0.385	0.385	0.502	-0.4	03/30/2021	15:00
7	CAL7	1	1	100	100	7.34	2.26	0.000	0.765	0.765	0.998	0.2	03/30/2021	15:01

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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	7.54	2.08	0.000	0.383	0.383	0.499	03/30/2021	15:02
2	ICB		1	100	100	7.41	1.87	0.000	0.000	0.000	-0.001	03/30/2021	15:03
3	CCV1	0.5	1	100	100	7.20	1.96	0.000	0.381	0.381	0.497	03/30/2021	15:04
4	CCB1		1	100	100	7.36	2.05	0.000	0.000	0.000	-0.001	03/30/2021	15:05
5	RL Check	0.01	1	100	100	7.10	1.85	0.000	0.009	0.009	0.010	03/30/2021	15:06
6	PB135442BL		1	2.50	100	7.48	1.74	0.000	0.000	0.000	-0.001	03/30/2021	15:07
7	PB135442BS	20	1	2.50	100	7.62	2.34	0.000	0.355	0.355	0.463	03/30/2021	15:08
8	M1771-01		1	2.53	100	7.54	2.44	0.021	0.023	0.002	0.001	03/30/2021	15:09
9	M1771-01DU		1	2.52	100	7.44	2.21	0.020	0.022	0.002	0.001	03/30/2021	15:10
10	M1771-01MS	40	2	2.51	100	7.34	1.75	0.015	0.207	0.192	0.250	03/30/2021	15:11
11	M1771-01MS	1284	40	2.53	100	7.24	1.96	0.012	0.652	0.640	0.835	03/30/2021	15:12
12	M1771-01MS	40	2	2.50	100	7.34	2.05	0.018	0.348	0.330	0.430	03/30/2021	15:13
13	M1809-01		1	2.51	100	7.19	2.34	0.060	0.062	0.002	0.001	03/30/2021	15:14
14	M1872-02		1	2.53	100	7.24	1.76	0.030	0.031	0.001	0.000	03/30/2021	15:15
15	CCV2	0.5	1	100	100	7.34	2.03	0.000	0.380	0.380	0.495	03/30/2021	15:16
16	CCB2		1	100	100	7.24	1.88	0.000	0.000	0.000	-0.001	03/30/2021	15:17