



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113470

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP89912
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024

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	7.18	2.24	0.000	0.001	0.001	-0.00		03/11/2021	16:05
2	CAL2	0.01	1	100	100	7.42	2.14	0.000	0.008	0.008	0.009	10	03/11/2021	16:06
3	CAL3	0.025	1	100	100	7.28	2.34	0.000	0.020	0.020	0.024	4	03/11/2021	16:07
4	CAL4	0.05	1	100	100	7.37	2.08	0.000	0.039	0.039	0.049	2	03/11/2021	16:08
5	CAL5	0.1	1	100	100	7.48	1.88	0.000	0.078	0.078	0.100	0	03/11/2021	16:09
6	CAL6	0.5	1	100	100	7.54	1.97	0.000	0.385	0.385	0.502	-0.4	03/11/2021	16:10
7	CAL7	1	1	100	100	7.35	1.77	0.000	0.765	0.765	0.998	0.2	03/11/2021	16:11

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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	2.32	0.000	0.382	0.382	0.498	03/11/2021	16:12
2	ICB		1	100	100	7.55	2.14	0.000	0.001	0.001	0.000	03/11/2021	16:13
3	CCV1	0.5	1	100	100	7.46	1.98	0.000	0.383	0.383	0.499	03/11/2021	16:14
4	CCB1		1	100	100	7.28	1.88	0.000	0.002	0.002	0.001	03/11/2021	16:15
5	RL Check	0.01	1	100	100	7.12	1.78	0.000	0.009	0.009	0.010	03/11/2021	16:16
6	PB135114BL		1	2.50	100	7.53	1.86	0.000	0.002	0.002	0.001	03/11/2021	16:17
7	PB135114BS	20	1	2.50	100	7.19	1.95	0.000	0.353	0.353	0.460	03/11/2021	16:18
8	M1566-08		1	2.55	100	7.27	2.08	0.061	0.063	0.002	0.001	03/11/2021	16:19
9	M1625-01		1	2.53	100	7.34	2.19	0.014	0.015	0.001	0.000	03/11/2021	16:20
10	M1625-01DU		1	2.52	100	7.44	2.34	0.013	0.014	0.001	0.000	03/11/2021	16:21
11	M1625-01MS	40	2	2.51	100	7.56	2.25	0.010	0.250	0.240	0.312	03/11/2021	16:22
12	M1625-01MS	1284	40	2.53	100	7.24	2.21	0.007	0.652	0.645	0.842	03/11/2021	16:23
13	M1625-01MS	40	2	2.54	100	7.34	1.88	0.009	0.348	0.339	0.442	03/11/2021	16:24
14	M1625-03		1	2.56	100	7.34	1.98	0.023	0.025	0.002	0.001	03/11/2021	16:25
15	M1649-02		1	2.57	100	7.24	2.09	0.029	0.030	0.001	0.000	03/11/2021	16:26
16	CCV2	0.5	1	100	100	7.10	2.17	0.000	0.381	0.381	0.497	03/11/2021	16:27
17	CCB2		1	100	100	7.22	2.41	0.000	0.001	0.001	0.000	03/11/2021	16:28
18	M1649-04		1	2.53	100	7.45	2.33	0.020	0.021	0.001	0.000	03/11/2021	16:29
19	M1649-06		1	2.52	100	7.34	1.78	0.012	0.013	0.001	0.000	03/11/2021	16:30
20	CCV3	0.5	1	100	100	7.64	1.98	0.000	0.382	0.382	0.498	03/11/2021	16:31
21	CCB3		1	100	100	7.42	1.74	0.000	0.003	0.003	0.002	03/11/2021	16:32