

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114029

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90564
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0009

Slope: 0.7653

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	7.08	2.05	0.000	0.001	0.001	0.000		04/17/2021	12:15
2	CAL2	0.01	1	100	100	7.14	1.88	0.000	0.008	0.008	0.009	10	04/17/2021	12:15
3	CAL3	0.025	1	100	100	7.35	1.78	0.000	0.020	0.020	0.024	4	04/17/2021	12:16
4	CAL4	0.05	1	100	100	7.46	1.96	0.000	0.039	0.039	0.049	2	04/17/2021	12:16
5	CAL5	0.1	1	100	100	7.55	1.88	0.000	0.078	0.078	0.100	0	04/17/2021	12:17
6	CAL6	0.5	1	100	100	7.63	1.74	0.000	0.384	0.384	0.500	0	04/17/2021	12:18
7	CAL7	1	1	100	100	7.12	1.88	0.000	0.766	0.766	0.999	0.1	04/17/2021	12:18

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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	7.35	2.09	0.000	0.378	0.378	0.493	04/17/2021	12:19
2	ICB		1	100	100	7.24	1.88	0.000	0.000	0.000	-0.001	04/17/2021	12:20
3	CCV1	0.5	1	100	100	7.23	2.02	0.000	0.383	0.383	0.499	04/17/2021	13:45
4	CCB1		1	100	100	7.12	1.98	0.000	0.002	0.002	0.001	04/17/2021	13:45
5	RL Check	0.01	1	100	100	7.41	1.78	0.000	0.009	0.009	0.011	04/17/2021	13:46
6	PB135818BL		1	2.50	100	7.52	1.88	0.000	0.001	0.001	0.000	04/17/2021	13:46
7	PB135818BS	20	1	2.50	100	7.66	2.31	0.000	0.357	0.357	0.465	04/17/2021	13:47
8	M2070-01		1	2.57	100	7.25	2.15	0.010	0.011	0.001	0.000	04/17/2021	13:48
9	M2070-01DU		1	2.56	100	7.14	2.41	0.009	0.010	0.001	0.000	04/17/2021	13:48
10	M2070-01MS	40	2	2.55	100	7.34	2.32	0.008	0.121	0.113	0.146	04/17/2021	13:49
11	M2070-01MS	1284	40	2.53	100	7.24	2.14	0.005	0.658	0.653	0.852	04/17/2021	13:50
12	M2070-01MS	40	2	2.54	100	7.08	2.09	0.008	0.225	0.217	0.282	04/17/2021	13:51
13	M2070-05		1	2.56	100	7.14	1.88	0.009	0.009	0.000	-0.001	04/17/2021	13:52
14	M2075-01		1	2.55	100	7.41	1.78	0.015	0.016	0.001	0.000	04/17/2021	13:53
15	M2075-04		1	2.56	100	7.28	1.89	0.018	0.018	0.000	-0.001	04/17/2021	13:54
16	CCV2	0.5	1	100	100	7.14	1.78	0.000	0.382	0.382	0.498	04/17/2021	13:55
17	CCB2		1	100	100	7.09	1.88	0.000	0.002	0.002	0.001	04/17/2021	13:56
18	M2075-07		1	2.54	100	7.14	2.07	0.028	0.030	0.002	0.001	04/17/2021	13:57
19	M2075-10		1	2.57	100	7.34	2.19	0.031	0.032	0.001	0.000	04/17/2021	13:58
20	M2075-13		1	2.52	100	7.52	2.34	0.020	0.020	0.000	-0.001	04/17/2021	13:59
21	M2075-16		1	2.51	100	7.74	2.25	0.043	0.045	0.002	0.001	04/17/2021	14:00
22	M2075-19		1	2.55	100	7.65	1.78	0.050	0.052	0.002	0.001	04/17/2021	14:01
23	M2075-22		1	2.57	100	7.54	1.98	0.032	0.033	0.001	0.000	04/17/2021	14:02
24	M2075-25		1	2.54	100	7.34	2.08	0.016	0.016	0.000	-0.001	04/17/2021	14:03
25	M2075-28		1	2.53	100	7.22	1.77	0.039	0.040	0.001	0.000	04/17/2021	14:04
26	CCV3	0.5	1	100	100	7.34	1.92	0.000	0.381	0.381	0.497	04/17/2021	14:05
27	CCB3		1	100	100	7.25	2.08	0.000	0.002	0.002	0.001	04/17/2021	14:05