

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117344

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93821
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0009

Slope: 0.7689

Regression: 0.999998

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	7.15	2.08	0.000	0.002	0.002	0.001		11/12/2021	12:05
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.008	0.008	0.009	10	11/12/2021	12:06
3	CAL3	0.025	1	100	100	7.20	1.95	0.000	0.020	0.020	0.024	4	11/12/2021	12:07
4	CAL4	0.05	1	100	100	7.65	1.74	0.000	0.039	0.039	0.049	2	11/12/2021	12:08
5	CAL5	0.1	1	100	100	7.42	2.08	0.000	0.078	0.078	0.100	0	11/12/2021	12:09
6	CAL6	0.5	1	100	100	7.50	2.14	0.000	0.385	0.385	0.499	0.2	11/12/2021	12:10
7	CAL7	1	1	100	100	7.70	2.35	0.000	0.770	0.770	1.000	0	11/12/2021	12:12

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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	7.58	2.34	0.000	0.380	0.380	0.493	11/12/2021	12:15
2	ICB		1	100	100	7.65	2.14	0.000	0.001	0.001	0.000	11/12/2021	12:16
3	CCV1	0.5	1	100	100	7.41	2.20	0.000	0.379	0.379	0.492	11/12/2021	12:17
4	CCB1		1	100	100	7.28	1.88	0.000	0.002	0.002	0.001	11/12/2021	12:18
5	RL Check	0.01	1	100	100	7.30	1.74	0.000	0.010	0.010	0.012	11/12/2021	12:20
6	PB140737BL		1	2.50	100	7.28	1.95	0.000	0.001	0.001	0.000	11/12/2021	12:21
7	PB140737BS	20	1	2.50	100	7.34	2.09	0.000	0.352	0.352	0.457	11/12/2021	12:25
8	M4601-01		1	2.53	100	7.24	1.79	0.035	0.037	0.002	0.001	11/12/2021	12:26
9	M4601-01DU		1	2.52	100	7.34	1.95	0.034	0.036	0.002	0.001	11/12/2021	12:27
10	M4601-01MS	40	2	2.51	100	7.27	1.85	0.030	0.350	0.320	0.415	11/12/2021	12:28
11	M4601-01MS	1284	40	2.53	100	7.34	2.30	0.025	0.629	0.604	0.784	11/12/2021	12:30
12	M4601-01MS	40	2	2.54	100	7.41	2.14	0.031	0.382	0.351	0.455	11/12/2021	12:32
13	M4604-01		1	2.56	100	7.55	2.28	0.041	0.043	0.002	0.001	11/12/2021	12:33
14	M4612-01		1	2.55	100	7.37	2.30	0.022	0.023	0.001	0.000	11/12/2021	12:34
15	M4640-01		1	2.52	100	7.19	2.14	0.019	0.020	0.001	0.000	11/12/2021	12:35
16	CCV2	0.5	1	100	100	7.28	2.20	0.000	0.377	0.377	0.489	11/12/2021	12:36
17	CCB2		1	100	100	7.08	1.88	0.000	0.001	0.001	0.000	11/12/2021	12:37
18	M4654-01		1	2.53	100	7.74	1.74	0.034	0.035	0.001	0.000	11/12/2021	12:38
19	M4654-04		1	2.55	100	7.36	1.95	0.028	0.030	0.002	0.001	11/12/2021	12:40
20	CCV3	0.5	1	100	100	7.41	2.05	0.000	0.378	0.378	0.490	11/12/2021	12:41
21	CCB3		1	100	100	7.52	1.95	0.000	0.001	0.001	0.000	11/12/2021	12:42