

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114954

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91567
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7654

Regression: 0.999997

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	7.35	2.20	0.000	0.002	0.002	0.001		06/15/2021	12:05
2	CAL2	0.01	1	100	100	7.20	1.98	0.000	0.008	0.008	0.008	20	06/15/2021	12:06
3	CAL3	0.025	1	100	100	7.18	1.75	0.000	0.020	0.020	0.024	4	06/15/2021	12:07
4	CAL4	0.05	1	100	100	7.45	1.85	0.000	0.039	0.039	0.049	2	06/15/2021	12:08
5	CAL5	0.1	1	100	100	7.55	1.96	0.000	0.078	0.078	0.100	0	06/15/2021	12:09
6	CAL6	0.5	1	100	100	7.62	2.08	0.000	0.385	0.385	0.501	-0.2	06/15/2021	12:10
7	CAL7	1	1	100	100	7.40	2.14	0.000	0.766	0.766	0.999	0.1	06/15/2021	12:11

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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	7.36	1.88	0.000	0.385	0.385	0.501	06/15/2021	12:12
2	ICB		1	100	100	7.25	2.09	0.000	0.001	0.001	0.000	06/15/2021	12:13
3	CCV1	0.5	1	100	100	7.56	2.28	0.000	0.383	0.383	0.499	06/15/2021	12:14
4	CCB1		1	100	100	7.48	2.30	0.000	0.001	0.001	0.000	06/15/2021	12:15
5	RL Check	0.01	1	100	100	7.34	2.15	0.000	0.007	0.007	0.008	06/15/2021	12:16
6	PB137119BL		1	2.50	100	7.27	1.78	0.000	0.002	0.002	0.001	06/15/2021	12:17
7	PB137119BS	20	1	2.50	100	7.19	1.85	0.002	0.357	0.355	0.462	06/15/2021	12:18
8	M2709-01		1	2.53	100	7.28	2.05	0.050	0.052	0.002	0.001	06/15/2021	12:19
9	M2709-01DU		1	2.52	100	7.41	1.95	0.049	0.051	0.002	0.001	06/15/2021	12:20
10	M2709-01MS	40	2	2.51	100	7.35	1.85	0.045	0.085	0.040	0.051	06/15/2021	12:21
11	M2709-01MS	1284	40	2.53	100	7.66	1.74	0.040	0.651	0.611	0.797	06/15/2021	12:22
12	M2709-01MS	40	2	2.54	100	7.28	2.09	0.044	0.115	0.071	0.091	06/15/2021	12:23
13	M2709-02		1	2.56	100	7.37	2.15	0.047	0.049	0.002	0.001	06/15/2021	12:24
14	M2709-03		1	2.53	100	7.51	2.35	0.078	0.080	0.002	0.001	06/15/2021	12:25
15	M2709-04		1	2.55	100	7.37	2.26	0.014	0.014	0.000	-0.002	06/15/2021	12:26
16	CCV2	0.5	1	100	100	7.27	2.14	0.000	0.381	0.381	0.496	06/15/2021	12:27
17	CCB2		1	100	100	7.34	2.09	0.000	0.001	0.001	0.000	06/15/2021	12:28
18	M2709-05		1	2.54	100	7.51	1.74	0.017	0.018	0.001	0.000	06/15/2021	12:29
19	M2709-06		1	2.57	100	7.41	1.95	0.085	0.087	0.002	0.001	06/15/2021	12:30
20	M2709-07		1	2.54	100	7.38	1.85	0.059	0.060	0.001	0.000	06/15/2021	12:31
21	M2709-08		1	2.55	100	7.42	2.09	0.033	0.034	0.001	0.000	06/15/2021	12:32
22	M2709-09		1	2.56	100	7.37	1.76	0.056	0.058	0.002	0.001	06/15/2021	12:33
23	M2709-10		1	2.54	100	7.45	1.86	0.010	0.010	0.000	-0.002	06/15/2021	12:34
24	M2709-11		1	2.55	100	7.65	1.95	0.019	0.019	0.000	-0.002	06/15/2021	12:35
25	M2709-12		1	2.54	100	7.52	2.09	0.033	0.034	0.001	0.000	06/15/2021	12:36
26	CCV3	0.5	1	100	100	7.41	1.74	0.000	0.383	0.383	0.499	06/15/2021	12:37
27	CCB3		1	100	100	7.34	1.86	0.000	0.001	0.001	0.000	06/15/2021	12:38