

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113521

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	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	7.04	2.14	0.000	0.001	0.001	-0.00		03/15/2021	15:10
2	CAL2	0.01	1	100	100	7.15	1.98	0.000	0.008	0.008	0.009	10	03/15/2021	15:11
3	CAL3	0.025	1	100	100	7.34	1.88	0.000	0.020	0.020	0.024	4	03/15/2021	15:12
4	CAL4	0.05	1	100	100	7.25	1.78	0.000	0.039	0.039	0.049	2	03/15/2021	15:13
5	CAL5	0.1	1	100	100	7.18	2.09	0.000	0.078	0.078	0.100	0	03/15/2021	15:14
6	CAL6	0.5	1	100	100	7.47	2.25	0.000	0.385	0.385	0.502	-0.4	03/15/2021	15:15
7	CAL7	1	1	100	100	7.34	2.15	0.000	0.765	0.765	0.998	0.2	03/15/2021	15:16

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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	2.24	0.000	0.383	0.383	0.499	03/15/2021	15:17
2	ICB		1	100	100	7.24	2.16	0.000	0.000	0.000	-0.001	03/15/2021	15:18
3	CCV1	0.5	1	100	100	7.19	1.88	0.000	0.381	0.381	0.497	03/15/2021	15:19
4	CCB1		1	100	100	7.41	1.76	0.000	0.000	0.000	-0.001	03/15/2021	15:20
5	RL Check	0.01	1	100	100	7.27	1.98	0.000	0.008	0.008	0.009	03/15/2021	15:21
6	PB135171BL		1	2.50	100	7.09	2.08	0.000	0.000	0.000	-0.001	03/15/2021	15:22
7	PB135171BS	20	1	2.50	100	7.17	2.17	0.000	0.355	0.355	0.463	03/15/2021	15:23
8	M1565-12		1	2.53	100	7.33	2.34	0.048	0.050	0.002	0.001	03/15/2021	15:24
9	M1565-12DU		1	2.52	100	7.41	2.25	0.047	0.049	0.002	0.001	03/15/2021	15:25
10	M1565-12MS	40	2	2.51	100	7.14	1.75	0.045	0.085	0.040	0.051	03/15/2021	15:26
11	M1565-12MS	1284	40	2.53	100	7.25	1.86	0.040	0.651	0.611	0.798	03/15/2021	15:27
12	M1565-12MS	40	2	2.50	100	7.34	2.08	0.044	0.115	0.071	0.091	03/15/2021	15:28
13	M1565-13		1	2.51	100	7.14	1.96	0.060	0.062	0.002	0.001	03/15/2021	15:29
14	M1565-14		1	2.53	100	7.14	1.87	0.058	0.060	0.002	0.001	03/15/2021	15:30
15	CCV2	0.5	1	100	100	7.34	1.78	0.000	0.380	0.380	0.495	03/15/2021	15:31
16	CCB2		1	100	100	7.14	2.07	0.000	0.000	0.000	-0.001	03/15/2021	15:32