



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114025

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	7.09	1.74	0.000	0.380	0.380	0.495	04/17/2021	12:21
4	CCB1		1	100	100	7.41	1.92	0.000	0.000	0.000	-0.001	04/17/2021	12:22
5	RL Check	0.01	1	100	100	7.34	2.25	0.000	0.009	0.009	0.011	04/17/2021	12:23
6	PB135812BL		1	2.50	100	7.25	2.16	0.000	0.001	0.001	0.000	04/17/2021	12:23
7	PB135812BS	20	1	2.50	100	7.14	2.34	0.000	0.354	0.354	0.461	04/17/2021	12:24
8	M2050-01		1	2.53	100	7.25	2.44	0.051	0.053	0.002	0.001	04/17/2021	12:25
9	M2050-01DU		1	2.52	100	7.08	2.34	0.050	0.052	0.002	0.001	04/17/2021	12:26
10	M2050-01MS	40	2	2.51	100	7.10	2.08	0.045	0.095	0.050	0.064	04/17/2021	12:27
11	M2050-01MS	1284	40	2.53	100	7.08	2.17	0.040	0.652	0.612	0.799	04/17/2021	12:28
12	M2050-01MS	40	2	2.50	100	7.09	2.14	0.046	0.155	0.109	0.141	04/17/2021	12:29
13	M2050-03		1	2.51	100	7.34	1.78	0.032	0.034	0.002	0.001	04/17/2021	12:30
14	M2050-05		1	2.50	100	7.28	1.90	0.022	0.023	0.001	0.000	04/17/2021	12:31
15	M2050-07		1	2.52	100	7.56	2.09	0.025	0.027	0.002	0.001	04/17/2021	12:32
16	CCV2	0.5	1	100	100	7.64	2.14	0.000	0.379	0.379	0.494	04/17/2021	12:33
17	CCB2		1	100	100	7.78	2.08	0.000	0.001	0.001	0.000	04/17/2021	12:33
18	M2050-09		1	2.53	100	7.85	1.74	0.040	0.042	0.002	0.001	04/17/2021	12:34
19	M2050-11		1	2.50	100	7.45	1.98	0.064	0.066	0.002	0.001	04/17/2021	12:35
20	M2050-13		1	2.55	100	7.52	2.08	0.055	0.056	0.001	0.000	04/17/2021	12:35
21	M2050-15		1	2.52	100	7.63	2.14	0.033	0.034	0.001	0.000	04/17/2021	12:36
22	M2050-17		1	2.51	100	7.74	2.06	0.017	0.018	0.001	0.000	04/17/2021	12:37
23	M2051-01		1	2.52	100	7.52	2.14	0.010	0.010	0.000	-0.001	04/17/2021	12:38
24	M2051-03		1	2.55	100	7.31	1.78	0.018	0.019	0.001	0.000	04/17/2021	12:39
25	M2051-05		1	2.50	100	7.17	1.98	0.017	0.019	0.002	0.001	04/17/2021	12:39
26	M2051-07		1	2.58	100	7.45	1.85	0.015	0.016	0.001	0.000	04/17/2021	12:40
27	CCV3	0.5	1	100	100	7.62	1.78	0.000	0.381	0.381	0.497	04/17/2021	12:41
28	CCB3		1	100	100	7.41	1.62	0.000	0.002	0.002	0.001	04/17/2021	12:42