

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113877

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90302
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0009

Slope: 0.7641

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	7.21	2.24	0.000	0.001	0.001	0.000		04/08/2021	13:15
2	CAL2	0.01	1	100	100	7.34	2.15	0.000	0.008	0.008	0.009	10	04/08/2021	13:16
3	CAL3	0.025	1	100	100	7.14	1.98	0.000	0.020	0.020	0.024	4	04/08/2021	13:17
4	CAL4	0.05	1	100	100	7.52	1.88	0.000	0.039	0.039	0.049	2	04/08/2021	13:18
5	CAL5	0.1	1	100	100	7.43	1.79	0.000	0.078	0.078	0.100	0	04/08/2021	13:19
6	CAL6	0.5	1	100	100	7.62	2.09	0.000	0.383	0.383	0.500	0	04/08/2021	13:20
7	CAL7	1	1	100	100	7.70	2.17	0.000	0.765	0.765	1	0	04/08/2021	13:21

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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	7.28	2.05	0.000	0.382	0.382	0.499	04/08/2021	13:22
2	ICB		1	100	100	7.41	1.98	0.000	0.001	0.001	0.000	04/08/2021	13:23
3	CCV1	0.5	1	100	100	7.34	1.74	0.000	0.380	0.380	0.496	04/08/2021	13:24
4	CCB1		1	100	100	7.32	1.85	0.000	0.000	0.000	-0.001	04/08/2021	13:25
5	RL Check	0.01	1	100	100	7.41	2.34	0.000	0.009	0.009	0.011	04/08/2021	13:26
6	PB135635BL		1	2.50	100	7.32	2.14	0.000	0.001	0.001	0.000	04/08/2021	13:27
7	PB135635BS	20	1	2.50	100	7.14	2.09	0.001	0.352	0.351	0.458	04/08/2021	13:28
8	M1765-07		1	2.53	100	7.22	2.14	0.009	0.009	0.000	-0.001	04/08/2021	13:29
9	M1967-01		1	2.52	100	7.54	2.28	0.010	0.012	0.002	0.001	04/08/2021	13:30
10	M1967-01DU		1	2.51	100	7.62	1.87	0.009	0.010	0.001	0.000	04/08/2021	13:31
11	M1967-02MS	40	2	2.53	100	7.14	1.78	0.007	0.115	0.108	0.140	04/08/2021	13:32
12	M1967-02MS	1284	40	2.50	100	7.25	1.98	0.004	0.651	0.647	0.846	04/08/2021	13:33
13	M1967-02MS	40	2	2.51	100	7.20	2.06	0.008	0.202	0.194	0.253	04/08/2021	13:34
14	M1967-04		1	2.50	100	7.36	2.04	0.008	0.009	0.001	0.000	04/08/2021	13:35
15	M1967-05		1	2.52	100	7.44	1.88	0.014	0.015	0.001	0.000	04/08/2021	13:36
16	CCV2	0.5	1	100	100	7.53	1.71	0.000	0.381	0.381	0.497	04/08/2021	13:37
17	CCB2		1	100	100	7.41	1.93	0.000	0.001	0.001	0.000	04/08/2021	13:38
18	M1967-06		1	2.53	100	7.33	2.26	0.028	0.030	0.002	0.001	04/08/2021	13:39
19	M1967-07		1	2.50	100	7.41	2.14	0.036	0.038	0.002	0.001	04/08/2021	13:40
20	M1967-08		1	2.55	100	7.25	1.79	0.010	0.012	0.002	0.001	04/08/2021	13:41
21	M1967-09		1	2.54	100	7.08	1.88	0.050	0.051	0.001	0.000	04/08/2021	13:42
22	M1967-10		1	2.55	100	7.41	1.96	0.045	0.047	0.002	0.001	04/08/2021	13:43
23	M1967-11		1	2.52	100	7.31	2.06	0.035	0.036	0.001	0.000	04/08/2021	13:44
24	M1975-01		1	2.54	100	7.25	1.74	0.030	0.031	0.001	0.000	04/08/2021	13:45
25	CCV3	0.5	1	100	100	7.18	1.95	0.001	0.379	0.378	0.494	04/08/2021	13:46
26	CCB3		1	100	100	7.25	2.06	0.000	0.001	0.001	0.000	04/08/2021	13:47