

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114069

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: 0.0013

Slope: 0.7645

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	7.15	2.08	0.000	0.001	0.001	-0.00		04/20/2021	13:20
2	CAL2	0.01	1	100	100	7.34	2.14	0.000	0.009	0.009	0.010	0	04/20/2021	13:20
3	CAL3	0.025	1	100	100	7.08	2.32	0.000	0.020	0.020	0.024	4	04/20/2021	13:21
4	CAL4	0.05	1	100	100	7.41	2.09	0.000	0.039	0.039	0.049	2	04/20/2021	13:22
5	CAL5	0.1	1	100	100	7.51	2.12	0.000	0.078	0.078	0.100	0	04/20/2021	13:23
6	CAL6	0.5	1	100	100	7.09	1.88	0.000	0.385	0.385	0.501	-0.2	04/20/2021	13:24
7	CAL7	1	1	100	100	7.34	1.78	0.000	0.765	0.765	0.998	0.2	04/20/2021	13:25

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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	7.15	2.14	0.000	0.383	0.383	0.499	04/20/2021	13:26
2	ICB		1	100	100	7.51	1.96	0.000	0.001	0.001	0.000	04/20/2021	13:26
3	CCV1	0.5	1	100	100	7.41	1.78	0.000	0.380	0.380	0.495	04/20/2021	13:27
4	CCB1		1	100	100	7.55	2.09	0.000	0.002	0.002	0.001	04/20/2021	13:27
5	RL Check	0.01	1	100	100	7.60	1.74	0.000	0.008	0.008	0.009	04/20/2021	13:28
6	PB135870BL		1	2.50	100	7.25	1.85	0.000	0.001	0.001	0.000	04/20/2021	13:28
7	PB135870BS	20	1	2.50	100	7.40	2.31	0.003	0.358	0.355	0.463	04/20/2021	13:29
8	M2089-01		1	2.53	100	7.30	2.26	0.034	0.035	0.001	0.000	04/20/2021	13:30
9	M2089-01DU		1	2.52	100	7.20	2.09	0.033	0.035	0.002	0.001	04/20/2021	13:30
10	M2089-01MS	40	2	2.51	100	7.10	1.85	0.030	0.161	0.131	0.170	04/20/2021	13:31
11	M2089-01MS	1284	40	2.53	100	7.09	1.96	0.025	0.652	0.627	0.818	04/20/2021	13:32
12	M2089-01MS	40	2	2.54	100	7.14	1.74	0.031	0.202	0.171	0.222	04/20/2021	13:32
13	M2089-03		1	2.56	100	7.30	2.16	0.036	0.037	0.001	0.000	04/20/2021	13:33
14	M2090-03		1	2.53	100	7.14	2.31	0.025	0.026	0.001	0.000	04/20/2021	13:34
15	M2090-08		1	2.55	100	7.08	2.23	0.048	0.050	0.002	0.001	04/20/2021	13:35
16	CCV2	0.5	1	100	100	7.54	1.88	0.000	0.382	0.382	0.498	04/20/2021	13:36
17	CCB2		1	100	100	7.40	1.71	0.000	0.002	0.002	0.001	04/20/2021	13:36
18	M2090-13		1	2.52	100	7.09	1.92	0.015	0.015	0.000	-0.002	04/20/2021	13:37
19	M2090-18		1	2.57	100	7.25	1.82	0.016	0.017	0.001	0.000	04/20/2021	13:37
20	M2090-22		1	2.53	100	7.10	2.16	0.025	0.027	0.002	0.001	04/20/2021	13:38
21	CCV3	0.5	1	100	100	7.26	2.34	0.000	0.379	0.379	0.494	04/20/2021	13:39
22	CCB3		1	100	100	7.64	2.08	0.000	0.001	0.001	0.000	04/20/2021	13:40