

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113562

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP90039
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7633

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	7.15	2.25	0.000	0.001	0.001	0		03/18/2021	11:15
2	CAL2	0.01	1	100	100	7.23	2.14	0.000	0.008	0.008	0.009	10	03/18/2021	11:16
3	CAL3	0.025	1	100	100	7.45	1.98	0.000	0.020	0.020	0.024	4	03/18/2021	11:17
4	CAL4	0.05	1	100	100	7.55	1.88	0.000	0.039	0.039	0.049	2	03/18/2021	11:18
5	CAL5	0.1	1	100	100	7.64	2.08	0.000	0.078	0.078	0.100	0	03/18/2021	11:19
6	CAL6	0.5	1	100	100	7.75	1.88	0.000	0.383	0.383	0.500	0	03/18/2021	11:20
7	CAL7	1	1	100	100	7.23	1.79	0.000	0.764	0.764	0.999	0.1	03/18/2021	11:21

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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	7.14	2.18	0.000	0.383	0.383	0.500	03/18/2021	11:22
2	ICB		1	100	100	7.25	1.98	0.000	0.000	0.000	-0.001	03/18/2021	11:23
3	CCV1	0.5	1	100	100	7.34	1.88	0.000	0.380	0.380	0.497	03/18/2021	11:24
4	CCB1		1	100	100	7.45	1.78	0.000	0.000	0.000	-0.001	03/18/2021	11:25
5	RL Check	0.01	1	100	100	7.34	1.68	0.000	0.009	0.009	0.010	03/18/2021	11:26
6	PB135201BL		1	2.50	100	7.12	2.09	0.000	0.000	0.000	-0.001	03/18/2021	11:27
7	PB135201BS	20	1	2.50	100	7.55	2.26	0.000	0.354	0.354	0.462	03/18/2021	11:28
8	M1682-02		1	2.53	100	7.61	2.14	0.032	0.034	0.002	0.001	03/18/2021	11:29
9	M1691-01		1	2.52	100	7.14	2.17	0.043	0.045	0.002	0.001	03/18/2021	11:30
10	M1691-01DU		1	2.51	100	7.23	2.08	0.042	0.044	0.002	0.001	03/18/2021	11:31
11	M1691-01MS	40	2	2.53	100	7.34	2.03	0.040	0.163	0.123	0.160	03/18/2021	11:32
12	M1691-01MS	1284	40	2.50	100	7.22	1.85	0.035	0.652	0.617	0.807	03/18/2021	11:33
13	M1691-01MS	40	2	2.51	100	7.65	1.79	0.039	0.194	0.155	0.202	03/18/2021	11:34
14	M1691-03		1	2.50	100	7.45	1.98	0.037	0.039	0.002	0.001	03/18/2021	11:35
15	M1692-01		1	2.52	100	7.24	2.14	0.027	0.028	0.001	0.000	03/18/2021	11:36
16	CCV2	0.5	1	100	100	7.72	2.34	0.000	0.382	0.382	0.499	03/18/2021	11:37
17	CCB2		1	100	100	7.63	2.42	0.000	0.000	0.000	-0.001	03/18/2021	11:38
18	M1692-03		1	2.53	100	7.51	1.87	0.032	0.033	0.001	0.000	03/18/2021	11:39
19	M1693-01		1	2.57	100	7.41	1.79	0.050	0.052	0.002	0.001	03/18/2021	11:40
20	M1706-02		1	2.54	100	7.34	1.88	0.005	0.006	0.001	0.000	03/18/2021	11:41
21	M1709-02		1	2.55	100	7.23	2.08	0.041	0.043	0.002	0.001	03/18/2021	11:42
22	M1713-01		1	2.56	100	7.14	1.78	0.030	0.032	0.002	0.001	03/18/2021	11:43
23	M1713-03		1	2.58	100	7.09	1.96	0.033	0.034	0.001	0.000	03/18/2021	11:44
24	CCV3	0.5	1	100	100	7.14	2.08	0.000	0.380	0.380	0.497	03/18/2021	11:45
25	CCB3		1	100	100	7.34	1.78	0.000	0.000	0.000	-0.001	03/18/2021	11:46