

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113427

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP89774
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
Hexchrome Cleaning Solution	WP88024

Intercept: 0.0014

Slope: 0.7652

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	7.24	2.26	0.000	0.001	0.001	-0.00		03/10/2021	12:05
2	CAL2	0.01	1	100	100	7.15	1.98	0.000	0.009	0.009	0.009	10	03/10/2021	12:06
3	CAL3	0.025	1	100	100	7.45	1.78	0.000	0.020	0.020	0.024	4	03/10/2021	12:07
4	CAL4	0.05	1	100	100	7.36	2.09	0.000	0.039	0.039	0.049	2	03/10/2021	12:08
5	CAL5	0.1	1	100	100	7.08	2.34	0.000	0.079	0.079	0.101	-1	03/10/2021	12:09
6	CAL6	0.5	1	100	100	7.14	2.14	0.000	0.385	0.385	0.501	-0.2	03/10/2021	12:10
7	CAL7	1	1	100	100	7.52	1.88	0.000	0.766	0.766	0.999	0.1	03/10/2021	12:11

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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	7.42	2.14	0.000	0.383	0.383	0.499	03/10/2021	12:12
2	ICB		1	100	100	7.64	2.32	0.000	0.002	0.002	0.001	03/10/2021	12:13
3	CCV1	0.5	1	100	100	7.34	1.74	0.000	0.381	0.381	0.496	03/10/2021	12:14
4	CCB1		1	100	100	7.42	1.98	0.000	0.003	0.003	0.002	03/10/2021	12:15
5	RL Check	0.01	1	100	100	7.21	1.85	0.001	0.009	0.008	0.009	03/10/2021	12:16
6	PB135043BL		1	2.50	100	7.16	2.08	0.000	0.002	0.002	0.001	03/10/2021	12:17
7	PB135043BS	20	1	2.50	100	7.09	2.34	0.003	0.354	0.351	0.457	03/10/2021	12:18
8	M1577-01		1	2.53	100	7.24	2.16	0.052	0.054	0.002	0.001	03/10/2021	12:19
9	M1577-01DU		1	2.52	100	7.34	1.88	0.051	0.053	0.002	0.001	03/10/2021	12:20
10	M1577-01MS	40	2	2.51	100	7.24	1.74	0.048	0.104	0.056	0.071	03/10/2021	12:21
11	M1577-01MS	1284	40	2.53	100	7.34	1.96	0.045	0.652	0.607	0.791	03/10/2021	12:22
12	M1577-01MS	40	2	2.50	100	7.24	2.15	0.049	0.270	0.221	0.287	03/10/2021	12:23
13	M1589-01		1	2.51	100	7.36	2.26	0.033	0.035	0.002	0.001	03/10/2021	12:24
14	M1589-03		1	2.53	100	7.24	2.34	0.028	0.030	0.002	0.001	03/10/2021	12:25
15	M1590-01		1	2.55	100	7.16	2.45	0.060	0.061	0.001	-0.001	03/10/2021	12:26
16	CCV2	0.5	1	100	100	7.08	2.14	0.000	0.380	0.380	0.495	03/10/2021	12:27
17	CCB2		1	100	100	7.34	1.85	0.000	0.001	0.001	-0.001	03/10/2021	12:28
18	M1591-01		1	2.54	100	7.25	1.75	0.046	0.048	0.002	0.001	03/10/2021	12:29
19	M1614-01		1	2.53	100	7.16	1.96	0.035	0.038	0.003	0.002	03/10/2021	12:30
20	M1615-01		1	2.54	100	7.58	1.87	0.017	0.020	0.003	0.002	03/10/2021	12:31
21	CCV3	0.5	1	100	100	7.46	1.78	0.000	0.382	0.382	0.497	03/10/2021	12:32
22	CCB3		1	100	100	7.34	2.14	0.000	0.002	0.002	0.001	03/10/2021	12:33