

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116767

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93363
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
HEX LOD STD, 0.005PPM	WP93367
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0009

Slope: 0.7689

Regression: 0.999998

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	2.10	0.000	0.002	0.002	0.001		10/09/2021	12:05
2	CAL2	0.01	1	100	100	7.36	2.34	0.000	0.008	0.008	0.009	10	10/09/2021	12:06
3	CAL3	0.025	1	100	100	7.25	2.20	0.000	0.020	0.020	0.024	4	10/09/2021	12:07
4	CAL4	0.05	1	100	100	7.41	1.89	0.000	0.039	0.039	0.049	2	10/09/2021	12:08
5	CAL5	0.1	1	100	100	7.62	1.74	0.000	0.078	0.078	0.100	0	10/09/2021	12:09
6	CAL6	0.5	1	100	100	7.50	1.85	0.000	0.385	0.385	0.499	0.2	10/09/2021	12:10
7	CAL7	1	1	100	100	7.28	2.34	0.000	0.770	0.770	1.000	0	10/09/2021	12:12

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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	7.34	2.08	0.000	0.380	0.380	0.493	10/09/2021	12:15
2	ICB		1	100	100	7.19	1.95	0.000	0.002	0.002	0.001	10/09/2021	12:16
3	CCV1	0.5	1	100	100	7.45	1.74	0.000	0.379	0.379	0.492	10/09/2021	12:17
4	CCB1		1	100	100	7.62	1.85	0.000	0.001	0.001	0.000	10/09/2021	12:18
5	RL Check	0.01	1	100	100	7.52	2.03	0.000	0.010	0.010	0.012	10/09/2021	12:19
6	PB139774BL		1	2.50	100	7.62	2.15	0.000	0.002	0.002	0.001	10/09/2021	12:20
7	PB139774BS	20	1	2.50	100	7.41	2.35	0.002	0.353	0.351	0.455	10/09/2021	12:21
8	M4068-03		1	2.53	100	7.34	2.40	0.000	0.006	0.006	0.007	10/09/2021	12:22
9	M4072-01		1	2.52	100	7.28	2.25	0.031	0.034	0.003	0.003	10/09/2021	12:25
10	M4072-01DU		1	2.51	100	7.60	2.12	0.030	0.033	0.003	0.003	10/09/2021	12:26
11	M4072-01MS	40	2	2.53	100	7.40	2.30	0.027	0.266	0.239	0.310	10/09/2021	12:27
12	M4072-01MS	1284	40	2.50	100	7.28	2.15	0.020	0.632	0.612	0.795	10/09/2021	12:28
13	M4072-01MS	40	2	2.51	100	7.18	2.09	0.028	0.353	0.325	0.422	10/09/2021	12:30
14	M4087-09		1	2.56	100	7.62	2.34	0.002	0.002	0.000	-0.001	10/09/2021	12:31
15	M4118-01		1	2.55	100	7.45	2.28	0.009	0.009	0.000	-0.001	10/09/2021	12:32
16	CCV2	0.5	1	100	100	7.70	1.98	0.000	0.378	0.378	0.490	10/09/2021	12:33
17	CCB2		1	100	100	7.48	1.74	0.000	0.002	0.002	0.001	10/09/2021	12:34
18	M4118-04		1	2.57	100	7.52	1.85	0.001	0.001	0.000	-0.001	10/09/2021	12:35
19	M4135-02		1	2.56	100	7.62	2.15	0.072	0.073	0.001	0.000	10/09/2021	12:36
20	M4135-04		1	2.58	100	7.41	2.34	0.080	0.082	0.002	0.001	10/09/2021	12:37
21	M4163-01		1	2.57	100	7.28	2.28	0.019	0.019	0.000	-0.001	10/09/2021	12:38
22	CCV3	0.5	1	100	100	7.32	2.07	0.000	0.379	0.379	0.492	10/09/2021	12:39
23	CCB3		1	100	100	7.15	2.17	0.000	0.002	0.002	0.001	10/09/2021	12:40