

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116360

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92943
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0007

Slope: 0.7692

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	2.09	0.000	0.001	0.001	0.000		09/17/2021	11:55
2	CAL2	0.01	1	100	100	7.34	2.14	0.000	0.008	0.008	0.009	10	09/17/2021	11:56
3	CAL3	0.025	1	100	100	7.28	2.35	0.000	0.020	0.020	0.025	0	09/17/2021	11:57
4	CAL4	0.05	1	100	100	7.40	2.10	0.000	0.039	0.039	0.049	2	09/17/2021	11:58
5	CAL5	0.1	1	100	100	7.62	2.28	0.000	0.078	0.078	0.100	0	09/17/2021	11:59
6	CAL6	0.5	1	100	100	7.51	2.34	0.000	0.385	0.385	0.499	0.2	09/17/2021	12:00
7	CAL7	1	1	100	100	7.71	2.14	0.000	0.770	0.770	1.000	0	09/17/2021	12:02

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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	7.65	2.16	0.000	0.380	0.380	0.493	09/17/2021	12:05
2	ICB		1	100	100	7.41	2.34	0.000	0.002	0.002	0.002	09/17/2021	12:06
3	CCV1	0.5	1	100	100	7.50	1.98	0.000	0.379	0.379	0.492	09/17/2021	12:07
4	CCB1		1	100	100	7.41	1.74	0.000	0.002	0.002	0.002	09/17/2021	12:08
5	RL Check	0.01	1	100	100	7.62	1.85	0.000	0.010	0.010	0.012	09/17/2021	12:10
6	PB139137BL		1	2.50	100	7.50	2.09	0.000	0.001	0.001	0.000	09/17/2021	12:11
7	PB139137BS	20	1	2.50	100	7.34	2.15	0.000	0.350	0.350	0.454	09/17/2021	12:15
8	M3738-01		1	2.55	100	7.28	2.34	0.007	0.022	0.015	0.019	09/17/2021	12:16
9	M3738-01DU		1	2.53	100	7.16	2.26	0.006	0.021	0.015	0.019	09/17/2021	12:17
10	M3738-01MS	40	2	2.52	100	7.09	2.20	0.004	0.275	0.271	0.351	09/17/2021	12:18
11	M3738-01MS	1284	40	2.56	100	7.44	1.98	0.002	0.630	0.628	0.816	09/17/2021	12:19
12	M3738-01MS	40	2	2.57	100	7.62	1.74	0.005	0.366	0.361	0.468	09/17/2021	12:20
13	M3738-02		1	2.55	100	7.50	1.85	0.013	0.024	0.011	0.013	09/17/2021	12:21
14	M3762-01		1	2.57	100	7.28	2.08	0.032	0.034	0.002	0.002	09/17/2021	12:25
15	M3772-01		1	2.58	100	7.30	1.88	0.021	0.022	0.001	0.000	09/17/2021	12:26
16	CCV2	0.5	1	100	100	7.19	1.74	0.000	0.378	0.378	0.491	09/17/2021	12:27
17	CCB2		1	100	100	7.25	1.95	0.000	0.001	0.001	0.000	09/17/2021	12:28
18	M3772-03		1	2.56	100	7.14	2.08	0.071	0.073	0.002	0.002	09/17/2021	12:29
19	CCV3	0.5	1	100	100	7.46	2.15	0.000	0.381	0.381	0.494	09/17/2021	12:30
20	CCB3		1	100	100	7.34	2.34	0.000	0.002	0.002	0.002	09/17/2021	12:30