



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB114627

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91314
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0014

Slope: 0.7652

Regression: 0.999995

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	7.25	2.25	0.000	0.002	0.002	0.000		05/25/2021	12:05
2	CAL2	0.01	1	100	100	7.10	1.97	0.000	0.008	0.008	0.008	20	05/25/2021	12:06
3	CAL3	0.025	1	100	100	7.35	1.85	0.000	0.020	0.020	0.024	4	05/25/2021	12:07
4	CAL4	0.05	1	100	100	7.52	1.74	0.000	0.039	0.039	0.049	2	05/25/2021	12:08
5	CAL5	0.1	1	100	100	7.41	2.35	0.000	0.079	0.079	0.101	-1	05/25/2021	12:09
6	CAL6	0.5	1	100	100	7.60	2.15	0.000	0.385	0.385	0.501	-0.2	05/25/2021	12:10
7	CAL7	1	1	100	100	7.28	2.09	0.000	0.766	0.766	0.999	0.1	05/25/2021	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	7.34	2.35	0.000	0.382	0.382	0.497	05/25/2021	12:12
2	ICB		1	100	100	7.15	2.14	0.000	0.001	0.001	-0.001	05/25/2021	12:13
3	CCV1	0.5	1	100	100	7.30	1.98	0.000	0.381	0.381	0.496	05/25/2021	12:14
4	CCB1		1	100	100	7.52	1.78	0.000	0.002	0.002	0.001	05/25/2021	12:15
5	RL Check	0.01	1	100	100	7.63	1.88	0.000	0.009	0.009	0.010	05/25/2021	12:16
6	PB136609BL		1	2.50	100	7.14	2.09	0.000	0.001	0.001	-0.001	05/25/2021	12:17
7	PB136609BS	20	1	2.50	100	7.28	2.14	0.003	0.352	0.349	0.454	05/25/2021	12:18
8	M2489-02		1	2.53	100	7.52	2.35	0.026	0.062	0.036	0.045	05/25/2021	12:19
9	M2489-02DU		1	2.52	100	7.41	1.78	0.025	0.060	0.035	0.044	05/25/2021	12:20
10	M2489-02MS	40	2	2.51	100	7.36	1.85	0.022	0.277	0.255	0.331	05/25/2021	12:21
11	M2489-02MS	1284	40	2.53	100	7.20	2.18	0.020	0.655	0.635	0.828	05/25/2021	12:22
12	M2489-02MS	40	2	2.50	100	7.45	2.07	0.023	0.376	0.353	0.459	05/25/2021	12:23
13	CCV2	0.5	1	100	100	7.62	1.85	0.000	0.380	0.380	0.495	05/25/2021	12:24
14	CCB2		1	100	100	7.40	2.07	0.000	0.002	0.002	0.001	05/25/2021	12:24