



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118023

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94584
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0015

Slope: 0.7684

Regression: 0.999996

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	2.08	0.000	0.001	0.001	-0.00		12/30/2021	11:40
2	CAL2	0.01	1	100	100	7.30	1.88	0.000	0.009	0.009	0.009	10	12/30/2021	11:41
3	CAL3	0.025	1	100	100	7.25	1.74	0.000	0.020	0.020	0.024	4	12/30/2021	11:42
4	CAL4	0.05	1	100	100	7.62	1.95	0.000	0.040	0.040	0.050	0	12/30/2021	11:43
5	CAL5	0.1	1	100	100	7.51	2.34	0.000	0.080	0.080	0.102	-2	12/30/2021	11:45
6	CAL6	0.5	1	100	100	7.40	2.18	0.000	0.385	0.385	0.499	0.2	12/30/2021	11:46
7	CAL7	1	1	100	100	7.28	2.28	0.000	0.770	0.770	1.000	0	12/30/2021	11:47

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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	2.10	0.000	0.380	0.380	0.493	12/30/2021	11:50
2	ICB		1	100	100	7.20	1.88	0.000	0.002	0.002	0.001	12/30/2021	11:51
3	CCV1	0.5	1	100	100	7.14	1.74	0.000	0.379	0.379	0.491	12/30/2021	11:52
4	CCB1		1	100	100	7.38	1.95	0.000	0.002	0.002	0.001	12/30/2021	11:53
5	RL Check	0.01	1	100	100	7.27	2.30	0.000	0.010	0.010	0.011	12/30/2021	11:55
6	PB141770BL		1	2.50	100	7.36	2.16	0.000	0.002	0.002	0.001	12/30/2021	11:56
7	PB141770BS	20	1	2.50	100	7.40	2.25	0.001	0.351	0.350	0.454	12/30/2021	11:58
8	M5254-01		1	2.53	100	7.25	2.40	0.051	0.053	0.002	0.001	12/30/2021	12:00
9	M5254-01DU		1	2.52	100	7.30	1.78	0.050	0.052	0.002	0.001	12/30/2021	12:01
10	M5254-01MS	40	2	2.51	100	7.18	1.95	0.048	0.270	0.222	0.287	12/30/2021	12:02
11	M5254-01MS	1284	40	2.56	100	7.35	1.85	0.042	0.629	0.587	0.762	12/30/2021	12:05
12	M5254-01MS	40	2	2.54	100	7.18	1.70	0.047	0.306	0.259	0.335	12/30/2021	12:06
13	M5255-01		1	2.55	100	7.36	2.08	0.050	0.051	0.001	-0.001	12/30/2021	12:08
14	M5257-01		1	2.58	100	7.28	1.95	0.040	0.042	0.002	0.001	12/30/2021	12:09
15	CCV2	0.5	1	100	100	7.30	1.74	0.000	0.378	0.378	0.490	12/30/2021	12:10
16	CCB2		1	100	100	7.18	1.82	0.000	0.001	0.001	-0.001	12/30/2021	12:10