



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116124

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92730
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7644

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	7.10	2.15	0.000	0.001	0.001	0		09/02/2021	15:02
2	CAL2	0.01	1	100	100	7.35	2.30	0.000	0.008	0.008	0.009	10	09/02/2021	15:03
3	CAL3	0.025	1	100	100	7.26	2.28	0.000	0.020	0.020	0.024	4	09/02/2021	15:04
4	CAL4	0.05	1	100	100	7.46	2.08	0.000	0.039	0.039	0.049	2	09/02/2021	15:05
5	CAL5	0.1	1	100	100	7.65	2.17	0.000	0.078	0.078	0.100	0	09/02/2021	15:06
6	CAL6	0.5	1	100	100	7.52	1.98	0.000	0.384	0.384	0.501	-0.2	09/02/2021	15:07
7	CAL7	1	1	100	100	7.74	1.74	0.000	0.765	0.765	0.999	0.1	09/02/2021	15:08

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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	7.62	2.25	0.000	0.380	0.380	0.496	09/02/2021	15:15
2	ICB		1	100	100	7.54	1.98	0.000	0.002	0.002	0.001	09/02/2021	15:16
3	CCV1	0.5	1	100	100	7.46	1.74	0.000	0.379	0.379	0.495	09/02/2021	15:18
4	CCB1		1	100	100	7.34	1.85	0.000	0.001	0.001	0.000	09/02/2021	15:19
5	RL Check	0.01	1	100	100	7.28	2.09	0.000	0.010	0.010	0.012	09/02/2021	15:20
6	PB138884BL		1	2.50	100	7.17	1.88	0.000	0.002	0.002	0.001	09/02/2021	15:21
7	PB138884BS	20	1	2.50	100	7.28	2.30	0.000	0.355	0.355	0.463	09/02/2021	15:22
8	M3593-01		1	2.53	100	7.15	2.18	0.079	0.081	0.002	0.001	09/02/2021	15:25
9	M3593-01DU		1	2.52	100	7.44	2.40	0.078	0.080	0.002	0.001	09/02/2021	15:26
10	M3593-01MS	40	2	2.51	100	7.62	2.20	0.075	0.087	0.012	0.014	09/02/2021	15:28
11	M3593-01MS	1284	40	2.53	100	7.50	1.95	0.070	0.640	0.570	0.744	09/02/2021	15:30
12	M3593-01MS	40	2	2.54	100	7.28	1.72	0.076	0.106	0.030	0.038	09/02/2021	15:31
13	CCV2	0.5	1	100	100	7.42	1.85	0.000	0.378	0.378	0.493	09/02/2021	15:32
14	CCB2		1	100	100	7.60	2.08	0.000	0.001	0.001	0.000	09/02/2021	15:33