



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115924

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92562
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	7.50	2.09	0.000	0.001	0.001			08/18/2021	13:40
2	CAL2	0.01	1	100	100	7.43	2.15	0.000	0.008	0.008			08/18/2021	13:41
3	CAL3	0.025	1	100	100	7.62	2.35	0.000	0.020	0.020			08/18/2021	13:42
4	CAL4	0.05	1	100	100	7.09	2.45	0.000	0.039	0.039			08/18/2021	13:43
5	CAL5	0.1	1	100	100	7.18	2.22	0.000	0.078	0.078			08/18/2021	13:44
6	CAL6	0.5	1	100	100	7.35	2.09	0.000	0.384	0.384			08/18/2021	13:45
7	CAL7	1	1	100	100	7.56	1.95	0.000	0.765	0.765			08/18/2021	13:46

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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	7.40	2.10	0.000	0.380	0.380	0.496	08/18/2021	13:50
2	ICB		1	100	100	7.28	1.79	0.000	0.002	0.002	0.001	08/18/2021	13:51
3	CCV1	0.5	1	100	100	7.17	1.85	0.000	0.378	0.378	0.493	08/18/2021	13:52
4	CCB1		1	100	100	7.28	2.08	0.000	0.001	0.001	0.000	08/18/2021	13:53
5	RL Check		1	100	100	7.34	1.88	0.000	0.010	0.010	0.012	08/18/2021	13:55
6	PB138528BL		1	2.50	100	7.28	2.15	0.000	0.002	0.002	0.001	08/18/2021	13:56
7	PB138528BS	20	1	2.50	100	7.17	2.32	0.002	0.358	0.356	0.464	08/18/2021	13:58
8	M3447-01		1	2.53	100	7.28	2.28	0.040	0.042	0.002	0.001	08/18/2021	14:00
9	M3447-01DU		1	2.52	100	7.44	2.40	0.039	0.041	0.002	0.001	08/18/2021	14:01
10	M3447-01MS	40	2	2.51	100	7.62	2.10	0.035	0.192	0.157	0.204	08/18/2021	14:02
11	M3447-01MS	1284	40	2.53	100	7.72	1.96	0.030	0.637	0.607	0.793	08/18/2021	14:03
12	M3447-01MS	40	2	2.54	100	7.60	1.74	0.036	0.258	0.222	0.289	08/18/2021	14:05
13	M3449-01		1	2.56	100	7.41	1.85	0.012	0.012	0.000	-0.001	08/18/2021	14:06
14	M3449-04		1	2.55	100	7.37	2.07	0.063	0.065	0.002	0.001	08/18/2021	14:07
15	M3449-07		1	2.56	100	7.16	1.74	0.082	0.084	0.002	0.001	08/18/2021	14:08
16	CCV2	0.5	1	100	100	7.24	1.95	0.000	0.381	0.381	0.497	08/18/2021	14:10
17	CCB2		1	100	100	7.07	1.85	0.000	0.001	0.001	0.000	08/18/2021	14:11
18	M3449-10		1	2.53	100	7.52	2.04	0.080	0.081	0.001	0.000	08/18/2021	14:12
19	M3449-13		1	2.55	100	7.61	1.84	0.053	0.055	0.002	0.001	08/18/2021	14:13
20	M3449-16		1	2.54	100	7.49	1.70	0.076	0.078	0.002	0.001	08/18/2021	14:15
21	M3451-01		1	2.57	100	7.78	1.92	0.053	0.055	0.002	0.001	08/18/2021	14:16
22	M3451-04		1	2.56	100	7.85	2.03	0.031	0.032	0.001	0.000	08/18/2021	14:17
23	CCV3	0.5	1	100	100	7.62	1.88	0.000	0.380	0.380	0.496	08/18/2021	14:18
24	CCB3		1	100	100	7.41	2.16	0.000	0.002	0.002	0.001	08/18/2021	14:20