



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115957

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	7.15	2.08	0.000	0.001	0.001	0		08/20/2021	13:05
2	CAL2	0.01	1	100	100	7.35	1.98	0.000	0.008	0.008	0.009	10	08/20/2021	13:06
3	CAL3	0.025	1	100	100	7.20	1.74	0.000	0.020	0.020	0.024	4	08/20/2021	13:07
4	CAL4	0.05	1	100	100	7.42	1.85	0.000	0.039	0.039	0.049	2	08/20/2021	13:08
5	CAL5	0.1	1	100	100	7.62	2.14	0.000	0.078	0.078	0.100	0	08/20/2021	13:09
6	CAL6	0.5	1	100	100	7.55	2.35	0.000	0.384	0.384	0.501	-0.2	08/20/2021	13:10
7	CAL7	1	1	100	100	7.34	2.20	0.000	0.765	0.765	0.999	0.1	08/20/2021	13:11

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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	7.49	2.17	0.000	0.380	0.380	0.496	08/20/2021	13:15
2	ICB		1	100	100	7.52	2.30	0.000	0.002	0.002	0.001	08/20/2021	13:16
3	CCV1	0.5	1	100	100	7.66	2.25	0.000	0.379	0.379	0.495	08/20/2021	13:17
4	CCB1		1	100	100	7.72	2.34	0.000	0.001	0.001	0.000	08/20/2021	13:18
5	RL Check	0.01	1	100	100	7.19	2.08	0.000	0.010	0.010	0.012	08/20/2021	13:20
6	PB138584BL		1	2.50	100	7.34	1.88	0.000	0.002	0.002	0.001	08/20/2021	13:21
7	PB138584BS	20	1	2.50	100	7.29	1.74	0.002	0.354	0.352	0.459	08/20/2021	13:22
8	M3467-01		1	2.53	100	7.54	1.95	0.027	0.028	0.001	0.000	08/20/2021	13:25
9	M3467-01DU		1	2.52	100	7.41	2.10	0.026	0.028	0.002	0.001	08/20/2021	13:26
10	M3467-01MS	40	2	2.51	100	7.62	2.34	0.025	0.160	0.135	0.175	08/20/2021	13:28
11	M3467-01MS	1284	40	2.53	100	7.71	2.28	0.020	0.635	0.615	0.803	08/20/2021	13:30
12	M3467-01MS	40	2	2.54	100	7.34	2.07	0.024	0.221	0.197	0.256	08/20/2021	13:32
13	M3467-03		1	2.56	100	7.28	1.75	0.057	0.058	0.001	0.000	08/20/2021	13:35
14	M3467-05		1	2.55	100	7.56	1.90	0.064	0.066	0.002	0.001	08/20/2021	13:36
15	M3467-07		1	2.56	100	7.85	1.82	0.070	0.072	0.002	0.001	08/20/2021	13:37
16	CCV2	0.5	1	100	100	7.64	2.16	0.000	0.378	0.378	0.493	08/20/2021	13:38
17	CCB2		1	100	100	7.25	2.34	0.000	0.001	0.001	0.000	08/20/2021	13:39
18	M3467-09		1	2.54	100	7.30	2.28	0.047	0.048	0.001	0.000	08/20/2021	13:40
19	M3467-11		1	2.57	100	7.22	1.74	0.075	0.077	0.002	0.001	08/20/2021	13:41
20	M3467-13		1	2.55	100	7.18	1.90	0.046	0.047	0.001	0.000	08/20/2021	13:42
21	M3467-15		1	2.54	100	7.34	1.85	0.042	0.043	0.001	0.000	08/20/2021	13:43
22	M3467-17		1	2.55	100	7.27	2.07	0.038	0.038	0.000	-0.001	08/20/2021	13:45
23	M3467-19		1	2.58	100	7.34	2.16	0.053	0.054	0.001	0.000	08/20/2021	13:46
24	M3467-21		1	2.55	100	7.27	2.30	0.058	0.060	0.002	0.001	08/20/2021	13:48
25	CCV3	0.5	1	100	100	7.27	2.16	0.000	0.379	0.379	0.495	08/20/2021	13:49
26	CCB3		1	100	100	7.08	2.24	0.000	0.002	0.002	0.001	08/20/2021	13:50