



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115518

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92178
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0012

Slope: 0.7654

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	7.28	2.08	0.000	0.001	0.001	-0.00		07/24/2021	14:50
2	CAL2	0.01	1	100	100	7.10	2.15	0.000	0.009	0.009	0.010	0	07/24/2021	14:51
3	CAL3	0.025	1	100	100	7.35	2.30	0.000	0.020	0.020	0.024	4	07/24/2021	14:52
4	CAL4	0.05	1	100	100	7.40	1.98	0.000	0.039	0.039	0.049	2	07/24/2021	14:53
5	CAL5	0.1	1	100	100	7.52	1.74	0.000	0.078	0.078	0.100	0	07/24/2021	14:54
6	CAL6	0.5	1	100	100	7.62	1.85	0.000	0.385	0.385	0.501	-0.2	07/24/2021	14:55
7	CAL7	1	1	100	100	7.30	2.09	0.000	0.766	0.766	0.999	0.1	07/24/2021	14:56

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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	7.45	2.15	0.000	0.382	0.382	0.498	07/24/2021	15:00
2	ICB		1	100	100	7.62	2.36	0.000	0.002	0.002	0.001	07/24/2021	15:01
3	CCV1	0.5	1	100	100	7.74	2.28	0.000	0.379	0.379	0.494	07/24/2021	15:02
4	CCB1		1	100	100	7.20	2.30	0.000	0.002	0.002	0.001	07/24/2021	15:03
5	RL Check	0.01	1	100	100	7.36	1.89	0.000	0.010	0.010	0.011	07/24/2021	15:04
6	PB137945BL		1	2.50	100	7.34	1.74	0.000	0.002	0.002	0.001	07/24/2021	15:05
7	PB137945BS	20	1	2.50	100	7.62	1.95	0.002	0.351	0.349	0.454	07/24/2021	15:06
8	M3159-11		1	2.53	100	7.50	2.09	0.071	0.073	0.002	0.001	07/24/2021	15:07
9	M3159-11DU		1	2.52	100	7.41	2.30	0.070	0.072	0.002	0.001	07/24/2021	15:08
10	M3159-11MS	40	2	2.51	100	7.18	2.23	0.067	0.103	0.036	0.045	07/24/2021	15:09
11	M3159-11MS	1284	40	2.53	100	7.28	2.21	0.060	0.639	0.579	0.755	07/24/2021	15:10
12	M3159-11MS	40	2	2.54	100	7.34	2.14	0.066	0.157	0.091	0.117	07/24/2021	15:11
13	M3159-12		1	2.56	100	7.41	2.41	0.063	0.065	0.002	0.001	07/24/2021	15:12
14	M3159-13		1	2.55	100	7.25	2.26	0.052	0.053	0.001	0.000	07/24/2021	15:13
15	M3159-14		1	2.56	100	7.35	1.88	0.070	0.072	0.002	0.001	07/24/2021	15:14
16	CCV2	0.5	1	100	100	7.55	1.74	0.000	0.380	0.380	0.495	07/24/2021	15:15
17	CCB2		1	100	100	7.46	1.76	0.000	0.002	0.002	0.001	07/24/2021	15:16
18	M3159-15		1	2.53	100	7.62	1.90	0.081	0.083	0.002	0.001	07/24/2021	15:17
19	M3165-01		1	2.57	100	7.41	2.14	0.025	0.026	0.001	0.000	07/24/2021	15:18
20	M3165-02		1	2.55	100	7.35	2.06	0.032	0.033	0.001	0.000	07/24/2021	15:19
21	M3165-03		1	2.52	100	7.28	2.29	0.040	0.042	0.002	0.001	07/24/2021	15:20
22	M3171-01		1	2.53	100	7.52	2.10	0.018	0.019	0.001	0.000	07/24/2021	15:21
23	M3174-01		1	2.54	100	7.64	2.35	0.020	0.021	0.001	0.000	07/24/2021	15:22
24	M3175-01		1	2.58	100	7.48	2.10	0.019	0.019	0.000	-0.002	07/24/2021	15:23
25	M3176-01		1	2.55	100	7.79	2.08	0.026	0.027	0.001	0.000	07/24/2021	15:24
26	CCV3	0.5	1	100	100	7.62	1.98	0.000	0.378	0.378	0.492	07/24/2021	15:25
27	CCB3		1	100	100	7.30	1.74	0.000	0.001	0.001	0.000	07/24/2021	15:25