

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB115075

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP91739
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.0009

Slope: 0.7641

Regression: 0.999999

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	2.25	0.000	0.001	0.001	0.000		06/24/2021	14:20
2	CAL2	0.01	1	100	100	7.17	2.14	0.000	0.008	0.008	0.009	10	06/24/2021	14:21
3	CAL3	0.025	1	100	100	7.45	2.35	0.000	0.020	0.020	0.024	4	06/24/2021	14:22
4	CAL4	0.05	1	100	100	7.36	2.17	0.000	0.039	0.039	0.049	2	06/24/2021	14:23
5	CAL5	0.1	1	100	100	7.52	1.98	0.000	0.078	0.078	0.100	0	06/24/2021	14:24
6	CAL6	0.5	1	100	100	7.62	1.78	0.000	0.383	0.383	0.500	0	06/24/2021	14:25
7	CAL7	1	1	100	100	7.28	1.85	0.000	0.765	0.765	1	0	06/24/2021	14:26

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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	7.74	2.15	0.000	0.386	0.386	0.504	06/24/2021	14:30
2	ICB		1	100	100	7.68	2.36	0.000	0.002	0.002	0.001	06/24/2021	14:31
3	CCV1	0.5	1	100	100	7.85	2.09	0.000	0.383	0.383	0.500	06/24/2021	14:32
4	CCB1		1	100	100	7.54	1.98	0.000	0.001	0.001	0.000	06/24/2021	14:33
5	RL Check	0.01	1	100	100	7.42	1.74	0.000	0.008	0.008	0.009	06/24/2021	14:34
6	PB137266BL		1	2.50	100	7.62	1.85	0.000	0.001	0.001	0.000	06/24/2021	14:35
7	PB137266BS	20	1	2.50	100	7.52	1.82	0.002	0.352	0.350	0.457	06/24/2021	14:36
8	M2800-01		1	2.53	100	7.41	2.09	0.020	0.021	0.001	0.000	06/24/2021	14:37
9	M2800-01DU		1	2.52	100	7.35	2.10	0.019	0.020	0.001	0.000	06/24/2021	14:38
10	M2800-01MS	40	2	2.51	100	7.18	2.35	0.017	0.351	0.334	0.436	06/24/2021	14:39
11	M2800-01MS	1284	40	2.53	100	7.29	2.25	0.012	0.652	0.640	0.836	06/24/2021	14:40
12	M2800-01MS	40	2	2.50	100	7.40	1.98	0.018	0.392	0.374	0.488	06/24/2021	14:41
13	M2812-01		1	2.56	100	7.62	1.72	0.037	0.038	0.001	0.000	06/24/2021	14:42
14	M2812-04		1	2.58	100	7.58	1.96	0.054	0.056	0.002	0.001	06/24/2021	14:43
15	M2829-01		1	2.56	100	7.44	2.34	0.077	0.078	0.001	0.000	06/24/2021	14:44
16	CCV2	0.5	1	100	100	7.68	2.41	0.000	0.384	0.384	0.501	06/24/2021	14:45
17	CCB2		1	100	100	7.78	2.29	0.000	0.001	0.001	0.000	06/24/2021	14:46
18	M2829-02		1	2.54	100	7.85	2.18	0.095	0.096	0.001	0.000	06/24/2021	14:47
19	M2829-03		1	2.57	100	7.41	2.25	0.065	0.067	0.002	0.001	06/24/2021	14:48
20	M2829-04		1	2.55	100	7.35	2.05	0.051	0.053	0.002	0.001	06/24/2021	14:49
21	M2829-05		1	2.54	100	7.29	2.36	0.034	0.035	0.001	0.000	06/24/2021	14:50
22	M2829-06		1	2.56	100	7.40	2.14	0.031	0.033	0.002	0.001	06/24/2021	14:51
23	M2832-01		1	2.58	100	7.34	2.20	0.034	0.035	0.001	0.000	06/24/2021	14:52
24	M2833-01		1	2.55	100	7.28	1.85	0.035	0.035	0.000	-0.001	06/24/2021	14:53
25	M2834-01		1	2.54	100	7.34	1.74	0.034	0.034	0.000	-0.001	06/24/2021	14:54
26	M2835-01		1	2.57	100	7.41	1.96	0.085	0.087	0.002	0.001	06/24/2021	14:55
27	CCV3	0.5	1	100	100	7.38	2.08	0.000	0.381	0.381	0.497	06/24/2021	14:56
28	CCB3		1	100	100	7.54	2.34	0.000	0.001	0.001	0.000	06/24/2021	14:56