

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116991

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP93595
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0009

Slope: 0.7689

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	7.34	2.08	0.000	0.002	0.002	0.001		10/24/2021	12:35
2	CAL2	0.01	1	100	100	7.25	1.98	0.000	0.008	0.008	0.009	10	10/24/2021	12:36
3	CAL3	0.025	1	100	100	7.40	1.75	0.000	0.020	0.020	0.024	4	10/24/2021	12:37
4	CAL4	0.05	1	100	100	7.62	1.85	0.000	0.039	0.039	0.049	2	10/24/2021	12:38
5	CAL5	0.1	1	100	100	7.50	2.15	0.000	0.078	0.078	0.100	0	10/24/2021	12:39
6	CAL6	0.5	1	100	100	7.70	2.34	0.000	0.385	0.385	0.499	0.2	10/24/2021	12:40
7	CAL7	1	1	100	100	7.82	2.28	0.000	0.770	0.770	1.000	0	10/24/2021	12:41

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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	7.35	2.34	0.000	0.380	0.380	0.493	10/24/2021	12:45
2	ICB		1	100	100	7.41	2.14	0.000	0.002	0.002	0.001	10/24/2021	12:46
3	CCV1	0.5	1	100	100	7.16	2.25	0.000	0.379	0.379	0.492	10/24/2021	12:47
4	CCB1		1	100	100	7.34	1.98	0.000	0.001	0.001	0.000	10/24/2021	12:48
5	RL Check	0.01	1	100	100	7.62	1.74	0.000	0.010	0.010	0.012	10/24/2021	12:49
6	PB140147BL		1	2.50	100	7.41	1.85	0.000	0.002	0.002	0.001	10/24/2021	12:50
7	PB140147BS	20	1	2.50	100	7.34	2.09	0.002	0.351	0.349	0.453	10/24/2021	12:51
8	M4306-01		1	2.55	100	7.20	1.98	0.053	0.055	0.002	0.001	10/24/2021	12:52
9	M4306-01DU		1	2.52	100	7.52	1.74	0.052	0.054	0.002	0.001	10/24/2021	12:53
10	M4306-01MS	40	2	2.51	100	7.62	1.85	0.050	0.345	0.295	0.382	10/24/2021	12:54
11	M4306-01MS	1284	40	2.53	100	7.43	2.34	0.040	0.632	0.592	0.769	10/24/2021	12:55
12	M4306-01MS	40	2	2.54	100	7.34	2.28	0.049	0.388	0.339	0.440	10/24/2021	12:56
13	M4308-01		1	2.56	100	7.18	2.14	0.033	0.034	0.001	0.000	10/24/2021	12:57
14	M4308-02		1	2.55	100	7.09	1.78	0.043	0.045	0.002	0.001	10/24/2021	12:58
15	M4308-03		1	2.52	100	7.15	1.95	0.051	0.053	0.002	0.001	10/24/2021	12:59
16	CCV2	0.5	1	100	100	7.36	1.85	0.000	0.378	0.378	0.490	10/24/2021	13:00
17	CCB2		1	100	100	7.62	2.14	0.000	0.002	0.002	0.001	10/24/2021	13:01
18	M4313-01		1	2.53	100	7.50	2.42	0.028	0.029	0.001	0.000	10/24/2021	13:05
19	M4313-03		1	2.57	100	7.72	2.30	0.057	0.058	0.001	0.000	10/24/2021	13:06
20	M4313-05		1	2.55	100	7.82	2.15	0.037	0.038	0.001	0.000	10/24/2021	13:07
21	M4314-01		1	2.54	100	7.34	1.88	0.018	0.019	0.001	0.000	10/24/2021	13:08
22	M4314-02		1	2.56	100	7.17	1.96	0.019	0.020	0.001	0.000	10/24/2021	13:09
23	M4315-01		1	2.53	100	7.28	1.74	0.010	0.011	0.001	0.000	10/24/2021	13:10
24	M4315-04		1	2.59	100	7.34	1.85	0.045	0.046	0.001	0.000	10/24/2021	13:12
25	M4315-07		1	2.54	100	7.27	2.08	0.045	0.047	0.002	0.001	10/24/2021	13:13
26	M4315-10		1	2.52	100	7.34	1.96	0.025	0.026	0.001	0.000	10/24/2021	13:15
27	M4316-01		1	2.56	100	7.27	1.74	0.037	0.038	0.001	0.000	10/24/2021	13:16
28	CCV3	0.5	1	100	100	7.34	1.85	0.000	0.379	0.379	0.492	10/24/2021	13:17
29	CCB3		1	100	100	7.18	2.09	0.000	0.002	0.002	0.001	10/24/2021	13:18
30	M4316-04		1	2.54	100	7.34	2.34	0.028	0.029	0.001	0.000	10/24/2021	13:20
31	CCV4	0.5	1	100	100	7.28	2.14	0.000	0.380	0.380	0.493	10/24/2021	13:21
32	CCB4		1	100	100	7.17	2.06	0.000	0.002	0.002	0.001	10/24/2021	13:22