

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB117695

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94208
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0013

Slope: 0.7684

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	7.10	2.08	0.000	0.002	0.002	0.000		12/08/2021	13:05
2	CAL2	0.01	1	100	100	7.35	1.99	0.000	0.009	0.009	0.010	0	12/08/2021	13:06
3	CAL3	0.025	1	100	100	7.28	1.74	0.000	0.020	0.020	0.024	4	12/08/2021	13:07
4	CAL4	0.05	1	100	100	7.41	2.08	0.000	0.040	0.040	0.050	0	12/08/2021	13:08
5	CAL5	0.1	1	100	100	7.62	1.78	0.000	0.078	0.078	0.099	1	12/08/2021	13:10
6	CAL6	0.5	1	100	100	7.52	1.95	0.000	0.385	0.385	0.499	0.2	12/08/2021	13:12
7	CAL7	1	1	100	100	7.66	1.85	0.000	0.770	0.770	1.000	0	12/08/2021	13:13

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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	7.40	2.08	0.000	0.385	0.385	0.499	12/08/2021	13:15
2	ICB		1	100	100	7.52	2.10	0.000	0.002	0.002	0.001	12/08/2021	13:16
3	CCV1	0.5	1	100	100	7.62	2.35	0.000	0.382	0.382	0.495	12/08/2021	13:17
4	CCB1		1	100	100	7.41	2.40	0.000	0.001	0.001	0.000	12/08/2021	13:20
5	RL Check	0.01	1	100	100	7.37	1.88	0.000	0.010	0.010	0.011	12/08/2021	13:21
6	PB141229BL		1	2.50	100	7.28	1.74	0.000	0.002	0.002	0.001	12/08/2021	13:25
7	PB141229BS	20	1	2.50	100	7.17	1.95	0.000	0.351	0.351	0.455	12/08/2021	13:16
8	M4936-01		1	2.53	100	7.28	1.85	0.014	0.014	0.000	-0.002	12/08/2021	13:20
9	M4949-01		1	2.52	100	7.36	2.08	0.052	0.054	0.002	0.001	12/08/2021	13:22
10	M4949-01DU		1	2.51	100	7.48	2.10	0.050	0.052	0.002	0.001	12/08/2021	13:25
11	M4949-01MS	40	2	2.56	100	7.64	2.35	0.045	0.351	0.306	0.397	12/08/2021	13:26
12	M4949-01MS	1284	40	2.54	100	7.74	2.25	0.040	0.632	0.592	0.769	12/08/2021	13:27
13	M4949-01MS	40	2	2.56	100	7.62	2.42	0.046	0.405	0.359	0.466	12/08/2021	13:28
14	M4955-01		1	2.55	100	7.52	2.32	0.069	0.071	0.002	0.001	12/08/2021	13:29
15	M4959-01		1	2.56	100	7.41	2.16	0.065	0.066	0.001	0.000	12/08/2021	13:30
16	CCV2	0.5	1	100	100	7.50	2.28	0.000	0.378	0.378	0.490	12/08/2021	13:35
17	CCB2		1	100	100	7.62	2.14	0.000	0.001	0.001	0.000	12/08/2021	13:36
18	M4959-04		1	2.55	100	7.74	2.30	0.055	0.056	0.001	0.000	12/08/2021	13:38
19	M4959-07		1	2.57	100	7.62	2.28	0.068	0.069	0.001	0.000	12/08/2021	13:40
20	M4959-10		1	2.54	100	7.52	2.14	0.059	0.060	0.001	0.000	12/08/2021	13:42
21	M4959-13		1	2.55	100	7.41	2.34	0.020	0.021	0.001	0.000	12/08/2021	13:45
22	M4959-16		1	2.56	100	7.34	2.20	0.034	0.036	0.002	0.001	12/08/2021	13:48
23	M4959-19		1	2.57	100	7.28	2.14	0.055	0.056	0.001	0.000	12/08/2021	13:50
24	M4965-02		1	2.55	100	7.41	1.74	0.076	0.078	0.002	0.001	12/08/2021	13:52
25	M4965-08		1	2.59	100	7.37	1.95	0.015	0.015	0.000	-0.002	12/08/2021	13:53
26	M4965-14		1	2.57	100	7.46	1.85	0.028	0.037	0.009	0.010	12/08/2021	13:55
27	M4965-20		1	2.56	100	7.52	2.09	0.085	0.087	0.002	0.001	12/08/2021	13:56
28	CCV3	0.5	1	100	100	7.62	1.88	0.000	0.378	0.378	0.490	12/08/2021	13:57
29	CCB3		1	100	100	7.74	1.74	0.000	0.002	0.002	0.001	12/08/2021	13:58
30	M4965-26		1	2.54	100	7.85	1.95	0.057	0.062	0.005	0.005	12/08/2021	13:59
31	M4965-31		1	2.58	100	7.52	2.08	0.008	0.008	0.000	-0.002	12/08/2021	14:00
32	CCV4	0.5	1	100	100	7.63	2.14	0.000	0.378	0.378	0.490	12/08/2021	14:02
33	CCB4		1	100	100	7.41	2.34	0.000	0.001	0.001	0.000	12/08/2021	14:02