

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118582

pH Meter ID: wc ph meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP95133
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0017

Slope: 0.7681

Regression: 0.999997

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	7.16	2.08	0.000	0.001	0.001	-0.00		02/08/2022	13:35
2	CAL2	0.01	1	100	100	7.35	1.88	0.000	0.009	0.009	0.009	10	02/08/2022	13:36
3	CAL3	0.025	1	100	100	7.25	1.74	0.000	0.021	0.021	0.025	0	02/08/2022	13:37
4	CAL4	0.05	1	100	100	7.40	1.96	0.000	0.040	0.040	0.049	2	02/08/2022	13:38
5	CAL5	0.1	1	100	100	7.62	2.30	0.000	0.080	0.080	0.101	-1	02/08/2022	13:39
6	CAL6	0.5	1	100	100	7.55	2.18	0.000	0.385	0.385	0.499	0.2	02/08/2022	13:40
7	CAL7	1	1	100	100	7.28	2.25	0.000	0.770	0.770	1.000	0	02/08/2022	13:42



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Run Number: LB118582

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	7.34	2.30	0.000	0.382	0.382	0.495	02/08/2022	13:45
2	ICB		1	100	100	7.45	1.78	0.000	0.002	0.002	0.000	02/08/2022	13:46
3	CCV1	0.5	1	100	100	7.72	1.95	0.000	0.381	0.381	0.494	02/08/2022	13:47
4	CCB1		1	100	100	7.82	1.82	0.000	0.001	0.001	-0.001	02/08/2022	13:48
5	RL Check	0.01	1	100	100	7.36	2.08	0.000	0.010	0.010	0.011	02/08/2022	13:49
6	PB142556BL		1	2.50	100	7.52	2.15	0.000	0.002	0.002	0.000	02/08/2022	13:50
7	PB142556BS	20	1	2.50	100	7.14	2.34	0.000	0.352	0.352	0.456	02/08/2022	13:51
8	N1422-01		1	2.55	100	7.08	2.20	0.014	0.014	0.000	-0.002	02/08/2022	13:52
9	N1423-02		1	2.53	100	7.34	2.14	0.015	0.016	0.001	-0.001	02/08/2022	13:55
10	N1423-02DU		1	2.54	100	7.65	2.36	0.014	0.015	0.001	-0.001	02/08/2022	13:56
11	N1423-02MS	40	2	2.56	100	7.46	2.20	0.012	0.340	0.328	0.425	02/08/2022	13:57
12	N1423-02MS	1284	40	2.53	100	7.58	1.85	0.010	0.625	0.615	0.798	02/08/2022	13:58
13	N1423-02MS	40	2	2.54	100	7.73	1.74	0.013	0.355	0.342	0.443	02/08/2022	14:00
14	N1423-04		1	2.57	100	7.62	1.92	0.009	0.010	0.001	-0.001	02/08/2022	14:02
15	N1423-06		1	2.59	100	7.80	2.30	0.021	0.022	0.001	-0.001	02/08/2022	14:03
16	CCV2	0.5	1	100	100	7.28	2.15	0.000	0.381	0.381	0.494	02/08/2022	14:04
17	CCB2		1	100	100	7.34	2.25	0.000	0.002	0.002	0.000	02/08/2022	14:05
18	N1423-08		1	2.58	100	7.41	1.88	0.022	0.023	0.001	-0.001	02/08/2022	14:06
19	N1423-10		1	2.55	100	7.50	1.74	0.019	0.019	0.000	-0.002	02/08/2022	14:07
20	N1432-01		1	2.56	100	7.05	1.92	0.008	0.008	0.000	-0.002	02/08/2022	14:08
21	N1432-04		1	2.58	100	7.19	2.08	0.020	0.021	0.001	-0.001	02/08/2022	14:09
22	N1432-07		1	2.57	100	7.28	2.16	0.005	0.005	0.000	-0.002	02/08/2022	14:10
23	N1432-10		1	2.54	100	7.34	2.34	0.028	0.028	0.000	-0.002	02/08/2022	14:11
24	N1432-13		1	2.56	100	7.25	2.28	0.008	0.008	0.000	-0.002	02/08/2022	14:12
25	N1432-16		1	2.59	100	7.19	2.18	0.007	0.007	0.000	-0.002	02/08/2022	14:13
26	N1432-19		1	2.57	100	7.32	2.35	0.012	0.012	0.000	-0.002	02/08/2022	14:15
27	CCV3	0.5	1	100	100	7.58	2.20	0.000	0.378	0.378	0.490	02/08/2022	14:16
28	CCB3		1	100	100	7.29	1.86	0.000	0.002	0.002	0.000	02/08/2022	14:18