



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB118347

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94876
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	7.08	2.08	0.000	0.001	0.001	-0.00		01/24/2022	13:35
2	CAL2	0.01	1	100	100	7.10	1.88	0.000	0.009	0.009	0.009	10	01/24/2022	13:36
3	CAL3	0.025	1	100	100	7.35	1.74	0.000	0.021	0.021	0.025	0	01/24/2022	13:37
4	CAL4	0.05	1	100	100	7.25	1.95	0.000	0.040	0.040	0.049	2	01/24/2022	13:38
5	CAL5	0.1	1	100	100	7.40	2.05	0.000	0.080	0.080	0.101	-1	01/24/2022	13:39
6	CAL6	0.5	1	100	100	7.31	2.30	0.000	0.385	0.385	0.499	0.2	01/24/2022	13:40
7	CAL7	1	1	100	100	7.18	1.79	0.000	0.770	0.770	1.000	0	01/24/2022	13:41

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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	7.28	2.05	0.000	0.381	0.381	0.494	01/24/2022	13:45
2	ICB		1	100	100	7.35	1.88	0.000	0.002	0.002	0.000	01/24/2022	13:46
3	CCV1	0.5	1	100	100	7.14	1.74	0.000	0.379	0.379	0.491	01/24/2022	13:47
4	CCB1		1	100	100	7.09	1.95	0.000	0.001	0.001	-0.001	01/24/2022	13:48
5	RL Check	0.01	1	100	100	7.14	2.30	0.000	0.010	0.010	0.011	01/24/2022	13:50
6	PB142217BL		1	2.50	100	7.38	2.14	0.000	0.001	0.001	-0.001	01/24/2022	13:51
7	PB142217BS	20	1	2.50	100	7.14	2.20	0.000	0.356	0.356	0.461	01/24/2022	13:52
8	N1233-01		1	2.53	100	7.30	2.34	0.060	0.062	0.002	0.000	01/24/2022	13:53
9	N1233-01DU		1	2.52	100	7.52	2.16	0.059	0.061	0.002	0.000	01/24/2022	13:55
10	N1233-01MS	40	2	2.51	100	7.67	2.20	0.057	0.226	0.169	0.218	01/24/2022	13:56
11	N1233-01MS	1284	40	2.53	100	7.71	1.88	0.052	0.627	0.575	0.746	01/24/2022	13:57
12	N1233-01MS	40	2	2.54	100	7.52	2.08	0.056	0.275	0.219	0.283	01/24/2022	13:58
13	N1233-03		1	2.56	100	7.62	1.88	0.059	0.060	0.001	-0.001	01/24/2022	13:59
14	N1234-01		1	2.55	100	7.23	1.74	0.034	0.035	0.001	-0.001	01/24/2022	14:00
15	N1235-02		1	2.56	100	7.15	1.92	0.060	0.062	0.002	0.000	01/24/2022	14:01
16	CCV2	0.5	1	100	100	7.62	1.88	0.000	0.378	0.378	0.490	01/24/2022	14:02
17	CCB2		1	100	100	7.48	1.74	0.000	0.002	0.002	0.000	01/24/2022	14:03
18	N1235-05		1	2.52	100	7.50	1.92	0.057	0.061	0.004	0.003	01/24/2022	14:04
19	N1243-01		1	2.57	100	7.45	1.88	0.047	0.048	0.001	-0.001	01/24/2022	14:05
20	N1243-05		1	2.54	100	7.62	2.30	0.021	0.031	0.010	0.011	01/24/2022	14:06
21	N1243-09		1	2.55	100	7.31	2.17	0.015	0.015	0.000	-0.002	01/24/2022	14:07
22	CCV3	0.5	1	100	100	7.18	1.79	0.000	0.377	0.377	0.489	01/24/2022	14:08
23	CCB3		1	100	100	7.23	1.98	0.000	0.001	0.001	-0.001	01/24/2022	14:09