



Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB116995

ANALYST: ketankumar
SUPERVISOR REVIEW BY: apatel
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	7.35	2.10	0.000	0.378	0.378	0.490	10/24/2021	13:32
4	CCB1		1	100	100	7.20	2.35	0.000	0.001	0.001	0.000	10/24/2021	13:33
5	RL Check	0.01	1	100	100	7.16	2.26	0.000	0.010	0.010	0.012	10/24/2021	13:35
6	PB140156BL		1	2.50	100	7.09	1.98	0.000	0.002	0.002	0.001	10/24/2021	13:36
7	PB140156BS	20	1	2.50	100	7.24	1.74	0.002	0.352	0.350	0.454	10/24/2021	13:37
8	M4244-17		1	2.53	100	7.36	1.85	0.078	0.080	0.002	0.001	10/24/2021	13:40
9	M4244-17DU		1	2.52	100	7.50	1.74	0.079	0.080	0.001	0.000	10/24/2021	13:41
10	M4244-17MS	40	2	2.51	100	7.48	2.09	0.075	0.127	0.052	0.066	10/24/2021	13:42
11	M4244-17MS	1284	40	2.53	100	7.74	2.14	0.070	0.631	0.561	0.728	10/24/2021	13:43
12	M4244-17MS	40	2	2.54	100	7.62	2.30	0.074	0.209	0.135	0.174	10/24/2021	13:45
13	M4324-01		1	2.56	100	7.42	2.42	0.028	0.030	0.002	0.001	10/24/2021	13:46
14	M4324-03		1	2.55	100	7.34	1.88	0.025	0.033	0.008	0.009	10/24/2021	13:48
15	M4325-01		1	2.52	100	7.28	1.79	0.010	0.011	0.001	0.000	10/24/2021	13:50
16	CCV2	0.5	1	100	100	7.41	1.97	0.000	0.378	0.378	0.490	10/24/2021	13:51
17	CCB2		1	100	100	7.62	1.85	0.000	0.001	0.001	0.000	10/24/2021	13:52
18	M4325-03		1	2.53	100	7.54	2.08	0.012	0.012	0.000	-0.001	10/24/2021	13:53
19	M4332-02		1	2.55	100	7.62	2.14	0.027	0.028	0.001	0.000	10/24/2021	13:54
20	M4332-06		1	2.54	100	7.40	2.35	0.025	0.026	0.001	0.000	10/24/2021	13:55
21	M4332-10		1	2.53	100	7.34	2.28	0.032	0.033	0.001	0.000	10/24/2021	13:56
22	M4332-14		1	2.56	100	7.27	1.74	0.020	0.020	0.000	-0.001	10/24/2021	13:58
23	CCV3	0.5	1	100	100	7.17	1.82	0.000	0.377	0.377	0.489	10/24/2021	13:59
24	CCB3		1	100	100	7.34	1.90	0.000	0.002	0.002	0.001	10/24/2021	14:00