

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB117598

ANALYST: ketankumar
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP94110
5N sulfuric acid	WP93692
HNO3 Hex-Chrome, 5M	WP93691
Hexchrome Cleaning Solution	WP92841

Intercept: 0.0011

Slope: 0.7668

Regression: 0.99997

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	7.25	2.08	0.000	0.001	0.001	-0.00		12/01/2021	13:40
2	CAL2	0.01	1	100	100	7.14	1.88	0.000	0.009	0.009	0.010	0	12/01/2021	13:41
3	CAL3	0.025	1	100	100	7.34	1.95	0.000	0.020	0.020	0.024	4	12/01/2021	13:42
4	CAL4	0.05	1	100	100	7.45	1.74	0.000	0.040	0.040	0.050	0	12/01/2021	13:43
5	CAL5	0.1	1	100	100	7.62	1.75	0.000	0.080	0.080	0.102	-2	12/01/2021	13:45
6	CAL6	0.5	1	100	100	7.50	1.95	0.000	0.380	0.380	0.494	1.2	12/01/2021	13:46
7	CAL7	1	1	100	100	7.34	1.85	0.000	0.770	0.770	1.002	-0.2	12/01/2021	13:47



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Run Number: LB117598

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	7.28	2.08	0.000	0.382	0.382	0.497	12/01/2021	13:50
2	ICB		1	100	100	7.35	1.88	0.000	0.001	0.001	0.000	12/01/2021	13:51
3	CCV1	0.5	1	100	100	7.20	1.78	0.000	0.378	0.378	0.492	12/01/2021	13:55
4	CCB1		1	100	100	7.17	1.95	0.000	0.002	0.002	0.001	12/01/2021	13:56
5	RL Check	0.01	1	100	100	7.38	2.14	0.000	0.010	0.010	0.012	12/01/2021	13:57
6	PB141099BL		1	2.50	100	7.28	2.34	0.000	0.002	0.002	0.001	12/01/2021	13:58
7	PB141099BS	20	1	2.50	100	7.45	2.25	0.000	0.355	0.355	0.462	12/01/2021	14:00
8	M4721-01		1	2.53	100	7.62	1.88	0.038	0.040	0.002	0.001	12/01/2021	14:01
9	M4721-02		1	2.52	100	7.28	1.74	0.070	0.071	0.001	0.000	12/01/2021	14:02
10	M4721-03		1	2.51	100	7.18	1.95	0.037	0.038	0.001	0.000	12/01/2021	14:03
11	M4865-01		1	2.53	100	7.28	1.75	0.020	0.021	0.001	0.000	12/01/2021	14:05
12	M4865-01DU		1	2.54	100	7.34	2.09	0.019	0.020	0.001	0.000	12/01/2021	14:06
13	M4865-01MS	40	2	2.56	100	7.28	2.15	0.017	0.340	0.323	0.420	12/01/2021	14:07
14	M4865-01MS	1284	40	2.55	100	7.14	2.34	0.012	0.628	0.616	0.802	12/01/2021	14:08
15	M4865-01MS	40	2	2.54	100	7.34	2.40	0.018	0.370	0.352	0.458	12/01/2021	14:10
16	CCV2	0.5	1	100	100	7.28	2.28	0.000	0.381	0.381	0.495	12/01/2021	14:11
17	CCB2		1	100	100	7.10	1.78	0.000	0.002	0.002	0.001	12/01/2021	14:12