

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB113348

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP89774
5N sulfuric acid	WP88023
HNO3 Hex-Chrome, 5M	WP88022
HEX LOD STD, 0.005PPM	WP89770
Hexchrome Cleaning Solution	WP88024

Intercept: 0.0016

Slope: 0.7641

Regression: 0.999996

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	2.25	0.000	0.001	0.001	-0.00		03/04/2021	11:05
2	CAL2	0.01	1	100	100	7.34	2.14	0.000	0.009	0.009	0.009	10	03/04/2021	11:06
3	CAL3	0.025	1	100	100	7.25	2.34	0.000	0.020	0.020	0.024	4	03/04/2021	11:07
4	CAL4	0.05	1	100	100	7.46	1.96	0.000	0.040	0.040	0.050	0	03/04/2021	11:08
5	CAL5	0.1	1	100	100	7.54	1.79	0.000	0.079	0.079	0.101	-1	03/04/2021	11:09
6	CAL6	0.5	1	100	100	7.32	1.88	0.000	0.385	0.385	0.501	-0.2	03/04/2021	11:10
7	CAL7	1	1	100	100	7.14	1.96	0.000	0.765	0.765	0.999	0.1	03/04/2021	11:11

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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	7.46	2.19	0.000	0.384	0.384	0.500	03/04/2021	11:12
2	ICB		1	100	100	7.62	2.34	0.000	0.000	0.000	-0.002	03/04/2021	11:13
3	CCV1	0.5	1	100	100	7.74	1.88	0.000	0.382	0.382	0.498	03/04/2021	11:14
4	CCB1		1	100	100	7.34	1.74	0.000	0.000	0.000	-0.002	03/04/2021	11:15
5	RL Check	0.01	1	100	100	7.25	2.35	0.000	0.008	0.008	0.008	03/04/2021	11:16
6	PB134914BL		1	2.50	100	7.12	2.26	0.000	0.000	0.000	-0.002	03/04/2021	11:17
7	PB134914BS	20	1	2.50	100	7.63	1.96	0.003	0.354	0.351	0.457	03/04/2021	11:18
8	M1458-03		1	2.53	100	7.43	1.75	0.000	0.005	0.005	0.004	03/04/2021	11:19
9	M1503-01		1	2.52	100	7.62	1.85	0.023	0.025	0.002	0.001	03/04/2021	11:20
10	M1503-01DU		1	2.51	100	7.71	2.09	0.022	0.024	0.002	0.001	03/04/2021	11:21
11	M1503-01MS	40	2	2.53	100	7.53	2.16	0.020	0.214	0.194	0.252	03/04/2021	11:22
12	M1503-01MS	1284	40	2.50	100	7.41	2.45	0.015	0.652	0.637	0.832	03/04/2021	11:23
13	M1503-01MS	40	2	2.56	100	7.36	2.12	0.019	0.339	0.320	0.417	03/04/2021	11:24
14	M1544-03		1	2.53	100	7.41	2.07	0.015	0.016	0.001	-0.001	03/04/2021	11:25
15	CCV2	0.5	1	100	100	7.65	1.78	0.000	0.381	0.381	0.497	03/04/2021	11:26
16	CCB2		1	100	100	7.72	1.93	0.000	0.000	0.000	-0.002	03/04/2021	11:27