



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116006

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP92676
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916

Intercept: 0.001

Slope: 0.7644

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	7.25	2.28	0.000	0.001	0.001	0		08/24/2021	13:05
2	CAL2	0.01	1	100	100	7.10	2.15	0.000	0.008	0.008	0.009	10	08/24/2021	13:06
3	CAL3	0.025	1	100	100	7.36	2.35	0.000	0.020	0.020	0.024	4	08/24/2021	13:07
4	CAL4	0.05	1	100	100	7.41	1.98	0.000	0.039	0.039	0.049	2	08/24/2021	13:08
5	CAL5	0.1	1	100	100	7.62	1.75	0.000	0.078	0.078	0.100	0	08/24/2021	13:09
6	CAL6	0.5	1	100	100	7.50	1.85	0.000	0.384	0.384	0.501	-0.2	08/24/2021	13:10
7	CAL7	1	1	100	100	7.74	1.77	0.000	0.765	0.765	0.999	0.1	08/24/2021	13:11

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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	7.65	1.88	0.000	0.380	0.380	0.496	08/24/2021	13:15
2	ICB		1	100	100	7.82	1.74	0.000	0.002	0.002	0.001	08/24/2021	13:16
3	CCV1	0.5	1	100	100	7.34	1.96	0.000	0.381	0.381	0.497	08/24/2021	13:17
4	CCB1		1	100	100	7.28	2.09	0.000	0.002	0.002	0.001	08/24/2021	13:18
5	RL Check	0.01	1	100	100	7.18	1.75	0.000	0.010	0.010	0.012	08/24/2021	13:19
6	PB138673BL		1	2.50	100	7.20	1.95	0.000	0.001	0.001	0.000	08/24/2021	13:20
7	PB138673BS	20	1	2.50	100	7.35	2.07	0.002	0.359	0.357	0.466	08/24/2021	13:21
8	M3505-01		1	2.53	100	7.41	2.18	0.023	0.024	0.001	0.000	08/24/2021	13:22
9	M3505-01DU		1	2.52	100	7.28	2.34	0.022	0.023	0.001	0.000	08/24/2021	13:23
10	M3505-01MS	40	2	2.51	100	7.34	2.20	0.020	0.127	0.107	0.139	08/24/2021	13:24
11	M3505-01MS	1284	40	2.53	100	7.28	1.74	0.015	0.630	0.615	0.803	08/24/2021	13:25
12	M3505-01MS	40	2	2.50	100	7.18	1.90	0.019	0.308	0.289	0.377	08/24/2021	13:26
13	M3513-01		1	2.51	100	7.34	2.15	0.050	0.052	0.002	0.001	08/24/2021	13:27
14	M3523-01		1	2.52	100	7.28	2.34	0.044	0.044	0.000	-0.001	08/24/2021	13:28
15	CCV2	0.5	1	100	100	7.10	2.28	0.000	0.379	0.379	0.495	08/24/2021	13:29
16	CCB2		1	100	100	7.26	2.09	0.000	0.001	0.001	0.000	08/24/2021	13:30