

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116034

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: 0.0009

Slope: 0.7653

Regression: 0.999999

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	7.28	2.08	0.000	0.001	0.001	0.000		08/26/2021	14:40
2	CAL2	0.01	1	100	100	7.10	1.98	0.000	0.008	0.008	0.009	10	08/26/2021	14:41
3	CAL3	0.025	1	100	100	7.35	1.74	0.000	0.020	0.020	0.024	4	08/26/2021	14:42
4	CAL4	0.05	1	100	100	7.41	1.75	0.000	0.039	0.039	0.049	2	08/26/2021	14:43
5	CAL5	0.1	1	100	100	7.62	2.14	0.000	0.078	0.078	0.100	0	08/26/2021	14:44
6	CAL6	0.5	1	100	100	7.55	2.35	0.000	0.384	0.384	0.500	0	08/26/2021	14:45
7	CAL7	1	1	100	100	7.75	2.28	0.000	0.766	0.766	0.999	0.1	08/26/2021	14:46

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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	7.20	2.16	0.000	0.380	0.380	0.495	08/26/2021	14:50
2	ICB		1	100	100	7.18	2.34	0.000	0.002	0.002	0.001	08/26/2021	14:51
3	CCV1	0.5	1	100	100	7.34	2.28	0.000	0.379	0.379	0.494	08/26/2021	14:52
4	CCB1		1	100	100	7.44	1.88	0.000	0.001	0.001	0.000	08/26/2021	14:53
5	RL Check	0.01	1	100	100	7.50	1.74	0.000	0.010	0.010	0.012	08/26/2021	14:55
6	PB138741BL		1	2.50	100	7.43	1.95	0.000	0.001	0.001	0.000	08/26/2021	14:56
7	PB138741BS	20	1	2.50	100	7.62	2.08	0.002	0.356	0.354	0.461	08/26/2021	14:57
8	M3528-01		1	2.53	100	7.34	2.34	0.065	0.067	0.002	0.001	08/26/2021	14:58
9	M3528-01DU		1	2.52	100	7.28	2.42	0.064	0.066	0.002	0.001	08/26/2021	14:59
10	M3528-01MS	40	2	2.51	100	7.30	2.34	0.060	0.103	0.043	0.055	08/26/2021	15:01
11	M3528-01MS	1284	40	2.53	100	7.42	2.29	0.055	0.632	0.577	0.753	08/26/2021	15:02
12	M3528-01MS	40	2	2.54	100	7.35	1.87	0.061	0.153	0.092	0.119	08/26/2021	15:03
13	M3545-01		1	2.56	100	7.28	1.79	0.020	0.020	0.000	-0.001	08/26/2021	15:05
14	M3545-03		1	2.55	100	7.55	1.95	0.037	0.038	0.001	0.000	08/26/2021	15:06
15	CCV2	0.5	1	100	100	7.62	2.08	0.000	0.378	0.378	0.493	08/26/2021	15:08
16	CCB2		1	100	100	7.18	2.15	0.000	0.001	0.001	0.000	08/26/2021	15:10