

Analytical Summary Report

Analysis Method: 7196A
 Parameter: Hexavalent Chromium
 Run Number: LB115283

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP91938
Calibration Std. hexchrome 0.05 ppm	WP91940
calibration std. hexchrome 0.01 ppm	WP91939
calibration std. hexchrome 0 ppm	WP91943
hexavalent chromium color reagent	WP91913
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP91941
Hexavalent Chromium ICV-LCS Std	WP91942
Calibration and CCV std HexChrome 0.5PPM	WP91937
Calibration std HexChrome 1.0PPM	WP91936

Intercept: -0.0008 Slope: 0.7827 Regression: 0.999995

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.25	0.000	0.000	0.000	0.001		07/09/2021	14:20
2	CAL2	0.01	1	100	100		2.10	0.000	0.006	0.006	0.008	20	07/09/2021	14:21
3	CAL3	0.025	1	100	100		2.35	0.000	0.018	0.018	0.024	4	07/09/2021	14:22
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	0.049	2	07/09/2021	14:23
5	CAL5	0.1	1	100	100		1.78	0.000	0.079	0.079	0.101	-1	07/09/2021	14:24
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.499	0.2	07/09/2021	14:25
7	CAL7	1	1	100	100		2.09	0.000	0.782	0.782	1.000	0	07/09/2021	14:26



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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		2.09	0.000	0.392	0.392	0.502	07/09/2021	14:27
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	07/09/2021	14:28
3	CCV1	0.5	1	100	100		1.74	0.000	0.389	0.389	0.498	07/09/2021	14:29
4	CCB1		1	100	100		1.95	0.000	0.000	0.000	0.001	07/09/2021	14:30
5	RL Check	0.01	1	100	100		2.14	0.000	0.008	0.008	0.011	07/09/2021	14:31
6	LB115283BL		1	100	100		2.35	0.000	0.000	0.000	0.001	07/09/2021	14:32
7	LB115283BS	0.5	1	100	100		2.26	0.000	0.417	0.417	0.534	07/09/2021	14:33
8	M2940-07		1	100	100		2.30	0.000	0.005	0.005	0.007	07/09/2021	14:34
9	M2940-08		1	100	100		2.41	0.000	0.007	0.007	0.010	07/09/2021	14:35
10	M2999-01		1	100	100		1.89	0.002	0.002	0.000	0.001	07/09/2021	14:36
11	M2999-01DU		1	100	100		1.74	0.002	0.002	0.000	0.001	07/09/2021	14:37
12	M2999-01MS	1	2	100	100		1.85	0.001	0.417	0.416	0.533	07/09/2021	14:38
13	M2999-01MS	1	2	100	100		1.96	0.002	0.418	0.416	0.533	07/09/2021	14:39
14	CCV2	0.5	1	100	100		2.08	0.000	0.390	0.390	0.499	07/09/2021	14:40
15	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.001	07/09/2021	14:40