

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB116133

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP92812
Calibration Std. hexchrome 0.05 ppm	WP92813
calibration std. hexchrome 0.01 ppm	WP92814
calibration std. hexchrome 0 ppm	WP92815
hexavalent chromium color reagent	
5N sulfuric acid	WP90754
HNO3 Hex-Chrome, 5M	WP90753
Hexchrome Cleaning Solution	WP89916
Calibration Std Hexachrome 0.025 ppm	WP92817
Hexavalent Chromium ICV-LCS Std	WP92816
Calibration and CCV std HexChrome 0.5PPM	WP92811
Calibration std HexChrome 1.0PPM	WP92810

Intercept: -0.0008

Slope: 0.7815

Regression: 0.999994

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		2.10	0.000	0.000	0.000	0.001		09/07/2021	14:05
2	CAL2	0.01	1	100	100		1.98	0.000	0.006	0.006	0.008	20	09/07/2021	14:06
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	0.024	4	09/07/2021	14:07
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.049	2	09/07/2021	14:08
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	0.102	-2	09/07/2021	14:09
6	CAL6	0.5	1	100	100		2.15	0.000	0.389	0.389	0.498	0.4	09/07/2021	14:10
7	CAL7	1	1	100	100		2.36	0.000	0.781	0.781	1.000	0	09/07/2021	14:11

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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		2.25	0.000	0.381	0.381	0.489	09/07/2021	14:15
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.001	09/07/2021	14:16
3	CCV1	0.5	1	100	100		1.70	0.000	0.379	0.379	0.486	09/07/2021	14:18
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	09/07/2021	14:19
5	RL Check	0.01	1	100	100		2.16	0.000	0.008	0.008	0.011	09/07/2021	14:20
6	LB116133BL		1	100	100		2.34	0.000	0.000	0.000	0.001	09/07/2021	14:21
7	LB116133BS	0.5	1	100	100		2.09	0.000	0.404	0.404	0.518	09/07/2021	14:22
8	M3648-05		1	100	100		2.24	0.001	0.001	0.000	0.001	09/07/2021	14:25
9	M3648-05DU		1	100	100		2.16	0.000	0.000	0.000	0.001	09/07/2021	14:26
10	M3648-05MS	1	2	100	100		2.30	0.000	0.405	0.405	0.519	09/07/2021	14:27
11	M3648-05MS	1	2	100	100		2.18	0.001	0.406	0.405	0.519	09/07/2021	14:28
12	M3648-06		1	100	100		2.36	0.001	0.001	0.000	0.001	09/07/2021	14:29
13	M3648-07		1	100	100		2.15	0.002	0.002	0.000	0.001	09/07/2021	14:30
14	M3648-08		1	100	100		2.05	0.002	0.002	0.000	0.001	09/07/2021	14:31
15	M3648-09		1	100	100		1.88	0.001	0.001	0.000	0.001	09/07/2021	14:32
16	CCV2	0.5	1	100	100		1.74	0.000	0.385	0.385	0.494	09/07/2021	14:33
17	CCB2		1	100	100		1.95	0.000	0.000	0.000	0.001	09/07/2021	14:34
18	M3648-10		1	100	100		2.07	0.001	0.001	0.000	0.001	09/07/2021	14:35
19	M3648-11		1	100	100		1.96	0.002	0.002	0.000	0.001	09/07/2021	14:36
20	M3648-12		1	100	100		1.78	0.002	0.002	0.000	0.001	09/07/2021	14:37
21	CCV3	0.5	1	100	100		1.82	0.000	0.384	0.384	0.492	09/07/2021	14:38
22	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.001	09/07/2021	14:38