

Analytical Summary Report

Analysis Method: 7196A

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131866

pH Meter ID: pH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109030
Calibration Std. hexchrome 0.05 ppm	WP109029
calibration std. hexchrome 0.01 ppm	WP109027
calibration std. hexchrome 0 ppm	WP109026
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109028
Hexavalent Chromium ICV-LCS Std	WP109033
Calibration and CCV std HexChrome 0.5PPM	WP109031
Calibration std HexChrome 1.0PPM	WP109032

Intercept: -0.0007

Slope: 0.7845

Regression: 0.999997

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		1.77	0.000	0.000	0.000	0.000		08/03/2024	08:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	0.009	-10	08/03/2024	08:31
3	CAL3	0.025	1	100	100		1.84	0.000	0.018	0.018	0.023	-8	08/03/2024	08:32
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.049	-2	08/03/2024	08:33
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	1	08/03/2024	08:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.499	-0.2	08/03/2024	08:35
7	CAL7	1	1	100	100		1.88	0.000	0.784	0.784	1.000	0	08/03/2024	08:36



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pH Meter ID: 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		1.93	0.000	0.390	0.390	0.498	08/03/2024	08:37
2	ICB		1	100	100		1.75	0.000	0.001	0.001	0.002	08/03/2024	08:38
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.498	08/03/2024	08:39
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	08/03/2024	08:40
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.011	08/03/2024	08:41
6	lb131866BL		1	100	100		1.74	0.000	0.001	0.001	0.002	08/03/2024	08:42
7	lb131866BS	0.5	1	100	100		1.94	0.000	0.393	0.393	0.502	08/03/2024	08:43
8	P3467-01		1	100	100		2.04	0.000	0.000	0.000	0.001	08/03/2024	08:44
9	P3467-01DU		1	100	100		2.06	0.000	0.000	0.000	0.001	08/03/2024	08:45
10	P3467-01MS	1	2	100	100		2.02	0.000	0.378	0.378	0.483	08/03/2024	08:46
11	P3467-01MS	1	2	100	100		2.08	0.000	0.381	0.381	0.487	08/03/2024	08:47
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.499	08/03/2024	08:48
13	CCB2		1	100	100		1.76	0.000	0.001	0.001	0.002	08/03/2024	08:49

WORKLIST(Hardcopy Internal Chain)

60131866

WorkList Name : hex-w 8-2

WorkList ID : 182359

Department : Wet-Chemistry

Date : 08-02-2024 17:45:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3467-01	919-J-WS-080224	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D21	08/02/2024	7196A

Date/Time 08/02/2024 18:00
 Raw Sample Received by: 702 WDC
 Raw Sample Relinquished by: 702 WDC

Date/Time 08/03/2024 09:00
 Raw Sample Received by: 702 WDC
 Raw Sample Relinquished by: 702 WDC