

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB131856

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108978
Calibration Std. hexchrome 0.05 ppm	WP108977
calibration std. hexchrome 0.01 ppm	WP108975
calibration std. hexchrome 0 ppm	WP108974
hexavalent chromium color reagent	WP108907
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP108976
Hexavalent Chromium ICV-LCS Std	WP108981
Calibration and CCV std HexChrome 0.5PPM	WP108979
Calibration std HexChrome 1.0PPM	WP108980

Intercept: 0.0006

Slope: 0.7666

Regression: 0.999989

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		2.32	0.000	0.000	0.000	-0.00		08/02/2024	13:58
2	CAL2	0.01	1	100	100		1.96	0.000	0.007	0.007	0.008	-20	08/02/2024	13:59
3	CAL3	0.025	1	100	100		1.73	0.000	0.019	0.019	0.024	-4	08/02/2024	14:00
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	0.050	0	08/02/2024	14:01
5	CAL5	0.1	1	100	100		1.68	0.000	0.079	0.079	0.102	2	08/02/2024	14:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.386	0.386	0.502	0.4	08/02/2024	14:03
7	CAL7	1	1	100	100		2.15	0.000	0.766	0.766	0.998	-0.2	08/02/2024	14:04



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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		1.68	0.000	0.388	0.388	0.505	08/02/2024	14:05
2	ICB		1	100	100		1.80	0.000	0.001	0.001	0.001	08/02/2024	14:06
3	CCV1	0.5	1	100	100		2.37	0.000	0.381	0.381	0.496	08/02/2024	14:07
4	CCB1		1	100	100		2.10	0.000	0.001	0.001	0.001	08/02/2024	14:08
5	RL Check	0.01	1	100	100		1.89	0.000	0.007	0.007	0.008	08/02/2024	14:09
6	lb131856BL		1	100	100		1.88	0.000	0.000	0.000	-0.001	08/02/2024	14:10
7	lb131856BS	0.5	1	100	100		2.07	0.000	0.384	0.384	0.500	08/02/2024	14:11
8	P3451-01		1	100	100		2.16	0.003	0.003	0.000	-0.001	08/02/2024	14:12
9	P3457-01		1	100	100		1.67	0.005	0.005	0.000	-0.001	08/02/2024	14:30
10	P3457-02		1	100	100		1.95	0.005	0.006	0.001	0.001	08/02/2024	14:31
11	P3457-02DU		1	100	100		2.08	0.004	0.004	0.000	-0.001	08/02/2024	14:32
12	P3457-02MS	1	2	100	100		2.12	0.004	0.376	0.372	0.484	08/02/2024	14:33
13	P3457-02MS	1	2	100	100		2.44	0.000	0.374	0.374	0.487	08/02/2024	14:34
14	CCV2	0.5	1	100	100		1.84	0.000	0.383	0.383	0.499	08/02/2024	14:35
15	CCB2		1	100	100		2.07	0.000	0.001	0.001	0.001	08/02/2024	14:36

WORKLIST(Hardcopy Internal Chain)

LB131856

WorkList Name : HEX-080224

WorkList ID : 182314

Department : Wet-Chemistry

Date : 08-02-2024 09:44:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3451-01	921-J-WS-080124	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D31	08/01/2024	7196A

Date/Time 08/02/24 13:20
Raw Sample Received by: 12/507
Raw Sample Relinquished by: Muee

Date/Time 08/02/24 14:50
Raw Sample Received by: Muee
Raw Sample Relinquished by: 12/507

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex-080224-2

WorkList ID : 182331

Department : Wet-Chemistry

Date : 08-02-2024 11:58:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3457-01	924-KI-WS-080224	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	J21	08/02/2024	7196A
P3457-02	932-KI-WS-080224	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	J21	08/02/2024	7196A

Date/Time 08/02/24 14:00
 Raw Sample Received by: 12/SC
 Raw Sample Relinquished by: [Signature]

Date/Time 08/02/24 14:50
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: 12/SC