

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132046

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109268
Calibration Std. hexchrome 0.05 ppm	WP109267
calibration std. hexchrome 0.01 ppm	WP109265
calibration std. hexchrome 0 ppm	WP109264
hexavalent chromium color reagent	WP109272
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109266
Hexavalent Chromium ICV-LCS Std	WP109271
Calibration and CCV std HexChrome 0.5PPM	WP109269
Calibration std HexChrome 1.0PPM	WP109270

Intercept: 0.0004

Slope: 0.7816

Regression: 0.999988

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		1.75	0.000	0.000	0.000	-0.00		08/16/2024	10:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.007	0.007	0.008	-20	08/16/2024	10:01
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	0.023	-8	08/16/2024	10:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	08/16/2024	10:03
5	CAL5	0.1	1	100	100		1.90	0.000	0.081	0.081	0.103	3	08/16/2024	10:04
6	CAL6	0.5	1	100	100		1.88	0.000	0.393	0.393	0.502	0.4	08/16/2024	10:05
7	CAL7	1	1	100	100		1.85	0.000	0.781	0.781	0.998	-0.2	08/16/2024	10:06



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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		1.92	0.000	0.390	0.390	0.498	08/16/2024	10:07
2	ICB		1	100	100		1.79	0.000	0.000	0.000	-0.001	08/16/2024	10:08
3	CCV1	0.5	1	100	100		1.96	0.000	0.394	0.394	0.504	08/16/2024	10:09
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	08/16/2024	10:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	08/16/2024	10:11
6	LB132046BL		1	100	100		1.77	0.000	0.001	0.001	0.001	08/16/2024	10:12
7	LB132046BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.513	08/16/2024	10:13
8	P3645-01		1	100	100		2.02	0.000	0.000	0.000	-0.001	08/16/2024	10:14
9	P3645-02		1	100	100		2.04	0.000	0.000	0.000	-0.001	08/16/2024	10:15
10	P3645-02DU		1	100	100		2.06	0.000	0.000	0.000	-0.001	08/16/2024	10:16
11	P3645-02MS	1	2	100	100		2.04	0.000	0.393	0.393	0.502	08/16/2024	10:17
12	P3645-02MS	1	2	100	100		2.04	0.000	0.394	0.394	0.504	08/16/2024	10:18
13	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	08/16/2024	10:19
14	CCB2		1	100	100		1.75	0.000	0.001	0.001	0.001	08/16/2024	10:20

WORKLIST(Hardcopy Internal Chain)

6132046

WorkList Name : hjex-8-16-

WorkList ID : 182713

Department : Wet-Chemistry

Date : 08-16-2024 07:55:52

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3645-01	914-J-WS-081524	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	G21	08/15/2024	7196A
P3645-02	916-J-WS-081524	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	G21	08/15/2024	7196A

Date/Time 08/16/2024 07:50
Raw Sample Received by: RM cwc
Raw Sample Relinquished by: 08/16/24

Date/Time 08/16/2024 08:30
Raw Sample Received by: 08/16/24
Raw Sample Relinquished by: RM cwc