

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132054

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

Slope: 0.782

Regression: 0.999991

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		1.78	0.000	0.000	0.000	0		08/16/2024	17:20
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	0.008	-20	08/16/2024	17:21
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	08/16/2024	17:22
4	CAL4	0.05	1	100	100		1.86	0.000	0.040	0.040	0.051	2	08/16/2024	17:23
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	0.101	1	08/16/2024	17:24
6	CAL6	0.5	1	100	100		1.84	0.000	0.393	0.393	0.502	0.4	08/16/2024	17:25
7	CAL7	1	1	100	100		1.89	0.000	0.781	0.781	0.998	-0.2	08/16/2024	17:26



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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		1.91	0.000	0.392	0.392	0.501	08/16/2024	17:27
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	08/16/2024	17:28
3	CCV1	0.5	1	100	100		1.93	0.000	0.393	0.393	0.503	08/16/2024	17:29
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	08/16/2024	17:30
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.010	08/16/2024	17:31
6	LB132054BL		1	100	100		1.79	0.000	0.001	0.001	0.001	08/16/2024	17:32
7	LB132054BS	0.5	1	100	100		1.90	0.000	0.403	0.403	0.515	08/16/2024	17:33
8	P3657-01		1	100	100		2.04	0.000	0.000	0.000	0.000	08/16/2024	17:34
9	P3657-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	08/16/2024	17:35
10	P3657-01MS	1	2	100	100		2.06	0.000	0.389	0.389	0.497	08/16/2024	17:36
11	P3657-01MS	1	2	100	100		2.10	0.000	0.391	0.391	0.500	08/16/2024	17:37
12	CCV2	0.5	1	100	100		1.94	0.000	0.394	0.394	0.504	08/16/2024	17:38
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	08/16/2024	17:39

WORKLIST(Hardcopy Internal Chain)

66132054

WorkList Name : HEX-8-16*

WorkList ID : 182758

Department : Wet-Chemistry

Date : 08-16-2024 14:58:40

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3657-01	717-J-WS-081624	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	G11	08/16/2024	7196A

Date/Time 08/16/2024 16:00
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: PD CWC

Date/Time 08/16/2024 16:30
Raw Sample Received by: PD CWC
Raw Sample Relinquished by: RM CWC