

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132470

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109752
Calibration Std. hexchrome 0.05 ppm	WP109751
calibration std. hexchrome 0.01 ppm	WP109749
calibration std. hexchrome 0 ppm	WP109748
hexavalent chromium color reagent	WP109756
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109750
Hexavalent Chromium ICV-LCS Std	WP109755
Calibration and CCV std HexChrome 0.5PPM	WP109753
Calibration std HexChrome 1.0PPM	WP109754

Intercept: 0.0004

Slope: 0.7828

Regression: 0.999986

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		1.79	0.000	0.000	0.000	-0.00		09/17/2024	16:40
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	0.008	-20	09/17/2024	16:41
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/17/2024	16:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	09/17/2024	16:43
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.102	2	09/17/2024	16:44
6	CAL6	0.5	1	100	100		1.86	0.000	0.394	0.394	0.502	0.4	09/17/2024	16:45
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	0.998	-0.2	09/17/2024	16:46



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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		1.90	0.000	0.390	0.390	0.498	09/17/2024	16:47
2	ICB		1	100	100		1.80	0.000	0.000	0.000	-0.001	09/17/2024	16:48
3	CCV1	0.5	1	100	100		1.94	0.000	0.393	0.393	0.502	09/17/2024	16:49
4	CCB1		1	100	100		1.76	0.000	0.001	0.001	0.001	09/17/2024	16:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	09/17/2024	16:51
6	LB132470BL		1	100	100		1.79	0.000	0.001	0.001	0.001	09/17/2024	16:52
7	LB132470BS	0.5	1	100	100		1.92	0.000	0.393	0.393	0.502	09/17/2024	16:53
8	P3848-01		1	100	100		2.02	0.000	0.444	0.444	0.567	09/17/2024	16:54
9	P4085-05		1	100	100		2.06	0.001	0.001	0.000	-0.001	09/17/2024	16:55
10	P4085-05DU		1	100	100		2.10	0.001	0.001	0.000	-0.001	09/17/2024	16:56
11	P4085-05MS	1	2	100	100		2.06	0.000	0.390	0.390	0.498	09/17/2024	16:57
12	P4085-05MS	1	2	100	100		2.10	0.000	0.392	0.392	0.500	09/17/2024	16:58
13	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.499	09/17/2024	16:59
14	CCB2		1	100	100		1.74	0.000	0.001	0.001	0.001	09/17/2024	17:00

WORKLIST(Hardcopy Internal Chain)

6132470

WorkList Name : hex w-9-17

WorkList ID : 183572

Department : Wet-Chemistry

Date : 09-17-2024 13:12:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3848-01	PT-CR6-WP	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	09/03/2024	7196A
P4085-05	PURGE-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	H53	09/17/2024	7196A

Date/Time 09/17/2024 13:30
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: NAGGG

Date/Time 09/17/2024 14:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: RM CWG