

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB130198

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107289
Calibration Std. hexchrome 0.05 ppm	WP107288
calibration std. hexchrome 0.01 ppm	WP107285
calibration std. hexchrome 0 ppm	WP107286
hexavalent chromium color reagent	WP107234
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP107287
Hexavalent Chromium ICV-LCS Std	WP107292
Calibration and CCV std HexChrome 0.5PPM	WP107290
Calibration std HexChrome 1.0PPM	WP107291

Intercept: -0.0003

Slope: 0.7803

Regression: 0.999996

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		1.74	0.000	0.000	0.000	0.000		04/05/2024	16:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	04/05/2024	16:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	04/05/2024	16:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.049	-2	04/05/2024	16:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	04/05/2024	16:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.500	0	04/05/2024	16:05
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	1	0	04/05/2024	16:06



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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	0.391	0.391	0.501	04/05/2024	16:07
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	04/05/2024	16:08
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.503	04/05/2024	16:09
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.000	04/05/2024	16:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	04/05/2024	16:11
6	lb130198BL		1	100	100		1.76	0.000	0.000	0.000	0.000	04/05/2024	16:12
7	lb130198BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.514	04/05/2024	16:13
8	P2019-01		1	100	100		2.08	0.001	0.001	0.000	0.000	04/05/2024	16:14
9	P2019-01DU		1	100	100		2.06	0.001	0.001	0.000	0.000	04/05/2024	16:15
10	P2019-01MS	1	2	100	100		2.08	0.001	0.367	0.366	0.469	04/05/2024	16:16
11	P2019-01MS	1	2	100	100		2.10	0.001	0.370	0.369	0.473	04/05/2024	16:17
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	04/05/2024	16:18
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	04/05/2024	16:19

WORKLIST(Hardcopy Internal Chain)

6/30/98

WorkList Name : HEX-4-5

WorkList ID : 179174

Department : Wet-Chemistry

Date : 04-05-2024 14:00:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2019-01	NB205-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I41	04/05/2024	SM3500-Cr B

Date/Time 04/05/2024 14:50
Raw Sample Received by: RM CWL
Raw Sample Relinquished by: JH CWC

Date/Time 04/05/2024 15:20
Raw Sample Received by: JH CWC
Raw Sample Relinquished by: RM CWL