

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: jignesh

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Sohil

Run Number: LB121842

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP98803
Calibration Std. hexchrome 0.05 ppm	WP98804
calibration std. hexchrome 0.01 ppm	WP98806
calibration std. hexchrome 0 ppm	WP98808
hexavalent chromium color reagent	WP98694
0.2N SULFURIC ACID	WP97942
Calibration Std Hexachrome 0.025 ppm	WP98805
Hexavalent Chromium ICV-LCS Std	WP98807
Calibration and CCV std HexChrome 0.5PPM	WP98802
Calibration std HexChrome 1.0PPM	WP98801

Intercept: -0.0007

Slope: 0.7805

Regression: 0.99999

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		1.98	0.000	0.000	0.000	0.000		09/01/2022	11:45
2	CAL2	0.01	1	100	100		2.00	0.000	0.008	0.008	0.011	-10	09/01/2022	11:46
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	0.023	8	09/01/2022	11:47
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	0.050	0	09/01/2022	11:48
5	CAL5	0.1	1	100	100		2.02	0.000	0.077	0.077	0.099	1	09/01/2022	11:49
6	CAL6	0.5	1	100	100		1.88	0.000	0.387	0.387	0.496	0.8	09/01/2022	11:50
7	CAL7	1	1	100	100		1.96	0.000	0.781	0.781	1.001	-0.1	09/01/2022	11:51

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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		1.96	0.000	0.398	0.398	0.511	09/01/2022	11:53
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.001	09/01/2022	11:54
3	CCV1	0.5	1	100	100		1.97	0.000	0.390	0.390	0.501	09/01/2022	11:55
4	CCB1		1	100	100		2.02	0.000	0.000	0.000	0.001	09/01/2022	11:56
5	RL Check	0.01	1	100	100		1.88	0.000	0.008	0.008	0.011	09/01/2022	11:57
6	LB121842BL		1	100	100		1.91	0.000	0.000	0.000	0.001	09/01/2022	11:58
7	LB121842BS	0.5	1	100	100		1.98	0.000	0.352	0.352	0.452	09/01/2022	12:00
8	N4452-01		1	100	100		2.05	0.258	0.258	0.000	0.001	09/01/2022	12:01
9	N4452-01DU		1	100	100		2.05	0.254	0.254	0.000	0.001	09/01/2022	12:02
10	N4452-01MS	1	2	100	100		2.06	0.255	0.609	0.354	0.454	09/01/2022	12:03
11	N4452-01MS	1	2	100	100		2.04	0.256	0.608	0.352	0.452	09/01/2022	12:04
12	CCV2	0.5	1	100	100		1.98	0.000	0.386	0.386	0.495	09/01/2022	12:05
13	CCB2		1	100	100		1.94	0.000	0.000	0.000	0.001	09/01/2022	12:07

LB121842

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex-09012022

WorkList ID : 162850

Department : Wet-Chemistry

Date : 09-01-2022 11:39:47

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
09/12/2022	Water	N4452-01	Hexavalent Chromium	Ammonium sul	TECT01	M11	MW-2-(22)	08/30/2022	SM3500-Cr B

Date/Time

9/1/22 11:40

Raw Sample Received by:

SI (wetchem)

Raw Sample Relinquished by:

SI (SM)

Date/Time

9/1/22 14:00

Raw Sample Received by:

SI (SM)

Raw Sample Relinquished by:

SI (wetchem)