

Cover Page

Order ID : Q2098

Project ID : Quarterly

Client : Tris Pharma, Inc.

Lab Sample Number

Q2098-01
Q2098-02
Q2098-03
Q2098-04

Client Sample Number

OUTFALL-DSN-001
Q2098-01MS
Q2098-01MSD
OUTFALL-DSN-002

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 5/28/2025



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Tris Pharma, Inc.

Project Name: Quarterly

Project # N/A

Order ID # Q2098

Test Name: BOD5,COD,Non-Polar Material,TSS

A. Number of Samples and Date of Receipt:

4 Water samples were received on 05/20/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: BOD5, COD, Metals Group3, Non-Polar Material, TSS and VOCMS Group1. This data package contains results for BOD5,COD,Non-Polar Material,TSS.

C. Analytical Techniques:

The analysis of Non-Polar Material was based on method 1664A, The analysis of TSS was based on method SM2540 D, The analysis of BOD5 was based on method SM5210 B and The analysis of COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD was not performed for this project.

Q2098-04 sample reported 5X Straight Dilution for COD because the original samples were reading over range, only 5X has been reported.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2098

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 05/28/2025

LAB CHRONICLE

OrderID:	Q2098	OrderDate:	5/20/2025 2:44:00 PM
Client:	Tris Pharma, Inc.	Project:	Quarterly
Contact:	Nichole Nikki Ferrari	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2098-01	OUTFALL-DSN-001	WATER			05/20/25 09:00			05/20/25
			BOD5	SM5210 B			05/22/25 08:50	
			COD	SM5220 D			05/22/25 13:14	
			Non-Polar Material	1664A			05/22/25 09:47	
			TSS	SM2540 D			05/23/25 10:30	
Q2098-04	OUTFALL-DSN-002	WATER			05/20/25 09:44			05/20/25
			BOD5	SM5210 B			05/22/25 08:50	
			COD	SM5220 D			05/22/25 13:15	
			Non-Polar Material	1664A			05/22/25 09:47	
			TSS	SM2540 D			05/23/25 10:30	



SAMPLE DATA

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25 09:00
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-001	SDG No.:	Q2098
Lab Sample ID:	Q2098-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	102		1	0.20	2.00	mg/L		05/22/25 08:50	SM 5210 B-16
COD	68.6		1	1.50	10.0	mg/L		05/22/25 13:14	SM 5220 D-11
Non-Polar Material	0.30	J	1	0.29	5.00	mg/L		05/22/25 09:47	1664A
TSS	12.3		1	1.00	4.00	mg/L		05/23/25 10:30	SM 2540 D-15

Comments: _____

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements
 H = Sample Analysis Out Of Hold Time

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Tris Pharma, Inc.	Date Collected:	05/20/25 09:44
Project:	Quarterly	Date Received:	05/20/25
Client Sample ID:	OUTFALL-DSN-002	SDG No.:	Q2098
Lab Sample ID:	Q2098-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	279		1	0.20	2.00	mg/L		05/22/25 08:50	SM 5210 B-16
COD	472	D	5	7.50	50.0	mg/L		05/22/25 13:15	SM 5220 D-11
Non-Polar Material	2.70	J	1	0.29	5.00	mg/L		05/22/25 09:47	1664A
TSS	122		1	1.00	4.00	mg/L		05/23/25 10:30	SM 2540 D-15

Comments: _____

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



QC RESULT SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Verification

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

RunNo.: LB135883

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: COD	ICV	mg/L	49.668	50	99	95-105	05/20/2025
Sample ID: COD	CCV1	mg/L	51.657	50	103	95-105	05/22/2025
Sample ID: COD	CCV2	mg/L	51.657	50	103	95-105	05/22/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Initial and Continuing Calibration Blank Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

RunNo.: LB135883

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB COD	mg/L	< 5.0000	5.0000	U	1.50	10	05/20/2025
Sample ID: CCB1 COD	mg/L	1.925	5.0000	J	1.50	10	05/22/2025
Sample ID: CCB2 COD	mg/L	1.925	5.0000	J	1.50	10	05/22/2025

Preparation Blank Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB135875BL Non-Polar Material	mg/L	< 2.5000	2.5000	U	0.29	5.0	05/22/2025
Sample ID: LB135883BL COD	mg/L	< 5.0000	5.0000	U	1.5	10.0	05/22/2025
Sample ID: LB135887BL BOD5	mg/L	< 0.2000	0.2000	U	0.20	2.0	05/22/2025
Sample ID: LB135909BL TSS	mg/L	1	2.0000	J	1	4	05/23/2025

Matrix Spike Summary

Client:	Tris Pharma, Inc.	SDG No.:	Q2098
Project:	Quarterly	Sample ID:	Q2093-14
Client ID:	WATER-COMPMS	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	56.6		9.88	J	50.0	1	93		05/22/2025

Matrix Spike Summary

Client:	Tris Pharma, Inc.	SDG No.:	Q2098
Project:	Quarterly	Sample ID:	Q2093-14
Client ID:	WATER-COMPMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
COD	mg/L	75-125	57.6		9.88	J	50.0	1	95		05/22/2025

Duplicate Sample Summary

Client:	Tris Pharma, Inc.	SDG No.:	Q2098
Project:	Quarterly	Sample ID:	LB135875BS
Client ID:	LB135875BSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Non-Polar Material	mg/L	+/-18	16.9		17.0		1	0.59		05/22/2025

Duplicate Sample Summary

Client:	Tris Pharma, Inc.	SDG No.:	Q2098
Project:	Quarterly	Sample ID:	Q2093-14
Client ID:	WATER-COMPDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	9.88	J	8.89	J	1	10.55		05/22/2025

Duplicate Sample Summary

Client: Tris Pharma, Inc. Project: Quarterly Client ID: WATER-COMPMSD	SDG No.: Q2098 Sample ID: Q2093-14 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
COD	mg/L	+/-20	56.6		57.6		1	1.75		05/22/2025

Duplicate Sample Summary

Client:	Tris Pharma, Inc.	SDG No.:	Q2098
Project:	Quarterly	Sample ID:	Q2102-03
Client ID:	LAW-25-0078DUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TSS	mg/L	+/-5	138		139		1	0.51		05/23/2025

Duplicate Sample Summary

Client: Tris Pharma, Inc.	SDG No.: Q2098
Project: Quarterly	Sample ID: Q2105-02
Client ID: COMPDUP	Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	1020		1030		1	1.13		05/22/2025

Laboratory Control Sample Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Run No.: LB135875

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135875BS							
Non-Polar Material	mg/L	20.0	16.9		84	1	78-114	05/22/2025

Laboratory Control Sample Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Run No.: LB135875

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135875BSD							
Non-Polar Material	mg/L	20.0	17.0		85	1	78-114	05/22/2025

Laboratory Control Sample Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Run No.: LB135883

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135883BS							
COD	mg/L	50	50.7		101	1	90-110	05/22/2025

Laboratory Control Sample Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Run No.: LB135887

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135887BS							
BOD5	mg/L	198	191		96	1	84.6-115.4	05/22/2025

Laboratory Control Sample Summary

Client: Tris Pharma, Inc.

SDG No.: Q2098

Project: Quarterly

Run No.: LB135909

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB135909BS							
TSS	mg/L	550	532		97	1	90-110	05/23/2025



RAW DATA

Extraction and Analytical Summary Report

Analysis Method: 1664A
Test: Non-Polar Material
Run Number: LB135875
Analysis Date: 05/22/2025
BalanceID: WC SC-6
OvenID: EXT OVEN-3

ANALYST: jignesh
REVIEWED BY: Iwona
Extraction Date: 05/22/2025
Extraction IN Time: 08:25
Extraction OUT Time: 09:00
Thermometer ID: EXT OVEN#3

Dish #	Lab ID	Client ID	Matrix	pH	Sample Vol (ml)	Final Volume (ml)	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Silica Gel Weight (g)	Weight After Drying (g)	Final Weight After Drying (g)	Change Weight (g)	Result in ppm
1	LB135875BL	LB135875BL	WATER	1.3	1000	100	3.1456	3.1456	3.01	3.1457	3.1457	0.0001	0.1
2	LB135875BS	LB135875BS	WATER	1.3	1000	100	2.7455	2.7455	3.02	2.7624	2.7624	0.0169	16.9
3	LB135875BSD	LB135875BSD	WATER	1.3	1000	100	3.1988	3.1988	3.02	3.2158	3.2158	0.0170	17
4	Q2098-01	OUTFALL-DSN-001	WATER	1.3	1000	100	3.0569	3.0569	3.02	3.0572	3.0572	0.0003	0.3
5	Q2098-04	OUTFALL-DSN-002	WATER	1.6	1000	100	3.0303	3.0303	3.04	3.0330	3.0330	0.0027	2.7

QC Batch# LB135875

Test: Non-Polar Material

Analysis Date: 05/22/2025

Chemicals Used:

Chemical Name	Chemical Lot #
HEXANE	W3204
pH Paper 0-14	M6069
Sodium Sulfate	EP2614
1:1 HCL	WP112782
Silica Gel	W3079
Sand	NA

Standards Used:

Standard Name	Amount Used	Standard Lot #
LCSW	5.00 ML	WP112783
LCSWD	NA	NA
MS/MSD	5.00 ML	WO112784

BALANCE CALIBRATION / OVEN Dessicator Data

Analytical Balance ID # : WC SC-6

Before Analysis

0.0020 gram Balance: 0.0018 (0.0018-0.0022) In OVEN TEMP1 : 71 °C Dessicator Time In1 : 10:36

1.0000 gram Balance: 1.0004 (0.9950-1.0050) In Time1: 09:47

Bal Check Time: 08:35 Out OVEN TEMP1: 71 °C Dessicator Time Out1: 11:10

Out Time1: 10:35

After Analysis

0.0020 gram Balance: 0.0019 (0.0018-0.0022) In OVEN TEMP2 : 70 °C Dessicator Time In2 : 12:31

1.0000 gram Balance: 1.0005 (0.9950-1.0050) In Time2: 11:45

Bal Check Time: 13:05 Out OVEN TEMP2: 70 °C Dessicator Time Out2: 13:00

Out Time2: 12:30

WORKLIST(Hardcopy Internal Chain)

VB 135815

WorkList Name : non poplar q2098

WorkList ID : 189693

Department : Wet-Chemistry

Date : 05-22-2025 08:06:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2098-01	OUTFALL-DSN-001	Water	Non-Polar Material	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	1664A
Q2098-04	OUTFALL-DSN-002	Water	Non-Polar Material	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	1664A

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

05/22/25 08:15

SLC

JD CSM

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

05/22/25

13:30

JD CSM

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135883

Reagent/Standard	Lot/Log #
COD calibration std. 150 ppm	WP113144
COD calibration std. 100 ppm	WP113143
COD calibration std. 50 ppm	WP113141
COD calibration std. 10 ppm	WP113140
COD calibration std. 0 ppm	WP113139
COD CCV std, 50ppm	WP113145
COD ICV-LCS std, 50ppm	WP113146
COD Digestion Vials Low Level 0-150Mg/L	W3128

Temp In (C): 149	Date In: 05/22/2025	Time In: 09:30
Temp Out (C): 151	Date Out: 05/22/2025	Time Out: 11:30

Intercept: -0.9358

Slope: 1.0054

Regression: 0.9995

Seq	Lab ID	TrueValue (mg/l)	DF	MATRIX	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	Water	0.000	0.931		05/20/2025	12:50
2	CAL2	10	1	Water	10.000	10.877	8.8	05/20/2025	12:50
3	CAL3	50	1	Water	48.000	48.673	-2.7	05/20/2025	12:51
4	CAL4	100	1	Water	97.000	97.41	-2.6	05/20/2025	10:51
5	CAL5	150	1	Water	152.000	152.114	1.4	05/20/2025	12:52

Analytical Summary Report

Analysis Method: SM5220 D

ANALYST: Iwona

Parameter: COD

SUPERVISOR REVIEW BY: jignesh

Run Number: LB135883

Seq	Lab ID	True Value (mg/l)	Initial Weight (g)	Final Vol (ml)	DF	MATRIX	Reading	Result	AnalDate	AnalTime
1	ICV	50	NA	NA	1	Water	49.000	49.668	05/20/2025	12:53
2	ICB		NA	NA	1	Water	0.000	0.931	05/20/2025	12:53
3	CCV1	50	NA	NA	1	Water	51.000	51.657	05/22/2025	13:10
4	CCB1		NA	NA	1	Water	1.000	1.925	05/22/2025	13:10
5	LB135883BL		NA	NA	1	Water	0.000	0.931	05/22/2025	13:11
6	LB135883BS	50	NA	NA	1	Water	50.000	50.662	05/22/2025	13:11
7	Q2088-01		NA	NA	1	Water	78.000	78.512	05/22/2025	13:12
8	Q2093-14		NA	NA	1	Water	9.000	9.882	05/22/2025	13:12
9	Q2093-14DUP		NA	NA	1	Water	8.000	8.888	05/22/2025	13:13
10	Q2093-14MS	50	NA	NA	1	Water	56.000	56.630	05/22/2025	13:13
11	Q2093-14MSD	50	NA	NA	1	Water	57.000	57.625	05/22/2025	13:14
12	Q2098-01		NA	NA	1	Water	68.000	68.566	05/22/2025	13:14
13	Q2098-04		NA	NA	5	Water	94.000	94.426	05/22/2025	13:15
14	Q2102-03		NA	NA	5	Water	48.000	48.673	05/22/2025	13:15
15	CCV2	50	NA	NA	1	Water	51.000	51.657	05/22/2025	13:16
16	CCB2		NA	NA	1	Water	1.000	1.925	05/22/2025	13:16

WORKLIST(Hardcopy Internal Chain)

LB155883

WorkList Name : COD-052125

WorkList ID : 189673

Department : Wet-Chemistry

Date : 05-21-2025 10:14:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2088-01	252820	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L31	05/20/2025	SM5220 D
Q2093-14	WATER-COMP	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L41	05/20/2025	SM5220 D
Q2098-01	OUTFALL-DSN-001	Water	COD	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	SM5220 D
Q2098-04	OUTFALL-DSN-002	Water	COD	Conc H2SO4 to pH < 2	TRIS02	L51	05/20/2025	SM5220 D
Q2102-03	LAW-25-0078	Water	COD	Conc H2SO4 to pH < 2	PSEG03	L21	05/21/2025	SM5220 D

Date/Time 05/22/25 09:05
Raw Sample Received by: 12 (WC)
Raw Sample Relinquished by: 28 (WC)

Date/Time 05/22/25 09:53
Raw Sample Received by: 28 (WC)
Raw Sample Relinquished by: 12 (WC)

BOD5 LOG

ANALYST: rubin
 INST ID: DO METER
 LB: LB135887

SUPERVISOR: Iwona

Analysis Date: 05/22/2025

QC BATCH ID: LB135887

BOD Water: WP113196

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP113198

NaOH, 1N: WP111323

GGA: WP113197

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3140

Zero DO: WP113147

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.8	9.8	9.8
WINKLER 2	WINKLER 2	2	300	9.9	19.7	9.8	9.8

Meter Calibration1: 8.46 Zero DO Reading1: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg DO Meter BOD fluid reading for winkler comparison: 9.98

After Incubation

Meter Calibration2: 8.75 Zero DO Reading2: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure2: 771 mmHg

QC BATCH ID: LB135887

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.9

TIME IN: 08:50

TIME OUT: 09:00

DATE IN: 05/22/2025

DATE OUT: 05/27/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB135887BL	1	No	6.58	N/A	20.90	300	9.98	9.96	0.02	0.02	0.02	
POLYSEED	1					10	9.94	6.72	3.22	0.64	0.68	
POLYSEED	2					15	9.92	4.61	5.31	0.71		
POLYSEED	3					20	9.87	3.09	6.78	0.68		
GGA	1					6	9.96	5.62	4.34	183	190.5	
GGA	2					6	9.95	5.42	4.53	192.5		
GGA	3					6	9.95	5.35	4.6	196		
Q2088-01	1	No	6.52	N/A	20.90	5	9.92	8.61	-	0	11.66	
Q2088-01	2					20	9.90	7.94	-	0		
Q2088-01	3					50	9.87	6.97	2.9	13.32		
Q2088-01	4					150	9.69	4.01	5.68	10		
Q2089-01	1	No	7.31	N/A	20.10	5	9.94	7.61	2.33	9900	6208.8	
Q2089-01	2					10	9.87	5.88	3.99	9930		
Q2089-01	3					20	9.74	5.11	4.63	5925		
Q2089-01	4					50	9.64	4.08	5.56	2928		
Q2089-01	5					100	9.60	1.05	8.55	2361		
Q2093-14	1	No	7.17	N/A	20.50	5	9.92	8.76	-	0	8.09	
Q2093-14	2					20	9.90	8.12	-	0		
Q2093-14	3					50	9.87	7.68	2.19	9.06		
Q2093-14	4					150	9.72	5.48	4.24	7.12		
Q2098-01	1	No	7.00	N/A	20.20	1	9.90	9.00	-	0	101.55	
Q2098-01	2					2	9.88	8.68	-	0		
Q2098-01	3					5	9.85	7.33	2.52	110.4		
Q2098-01	4					10	9.83	6.06	3.77	92.7		
Q2098-04	1	No	7.09	N/A	20.20	1	9.90	8.65	-	0	279.2	
Q2098-04	2					2	9.87	7.04	2.83	322.5		
Q2098-04	3					5	9.83	4.61	5.22	272.4		
Q2098-04	4					10	9.80	1.03	8.77	242.7		
Q2102-03	1	No	6.29	7.00	20.30	5	9.93	7.74	2.19	90.6	78.97	pH Adjuster
Q2102-03	2					20	9.90	4.73	5.17	67.35		
Q2102-03	3					50	9.80	0.18	-	0		
Q2102-03	4					150	8.57	0.10	-	0		
Q2105-02	1	No	6.14	7.12	20.60	5	9.92	7.36	2.56	1128	1015.5	pH Adjuster
Q2105-02	2					10	9.87	5.80	4.07	1017		
Q2105-02	3					20	9.80	3.11	6.69	901.5		
Q2105-02	4					30	9.74	0.12	-	0		
Q2105-02DUP	1	No	6.14	7.12	20.60	5	9.92	7.38	2.54	1116	1027	pH Adjuster
Q2105-02DUP	2					10	9.85	5.74	4.11	1029		
Q2105-02DUP	3					20	9.79	2.87	6.92	936		
Q2105-02DUP	4					30	9.72	0.10	-	0		
Q2106-01	1	No	12.04	7.38	20.90	5	9.95	3.09	6.86	370.8	370.8	pH Adjuster

Q2106-01	2					20	9.92	0.29	-	0	
Q2106-01	3					50	9.90	0.21	-	0	
Q2106-01	4					150	9.84	0.17	-	0	

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6135887

WorkList Name : BOD5-5-21

WorkList ID : 189686

Department : Wet-Chemistry

Date : 05-21-2025 15:02:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2088-01	252820	Water	BOD5	Cool 4 deg C	PSEG03	L31	05/20/2025	SM5210 B
Q2089-01	DRAIN-WATER-TANK-1	Water	BOD5	Cool 4 deg C	MAJO01	L31	05/20/2025	SM5210 B
Q2093-14	WATER-COMP	Water	BOD5	Cool 4 deg C	PSEG03	L41	05/20/2025	SM5210 B
Q2098-01	OUTFALL-DSN-001	Water	BOD5	Cool 4 deg C	TRIS02	L51	05/20/2025	SM5210 B
Q2098-04	OUTFALL-DSN-002	Water	BOD5	Cool 4 deg C	TRIS02	L51	05/20/2025	SM5210 B
Q2102-03	LAW-25-0078	Water	BOD5	Cool 4 deg C	PSEG03	L21	05/21/2025	SM5210 B
Q2105-02	COMP	Water	BOD5	Cool 4 deg C	ARAM01	L31	05/21/2025	SM5210 B
Q2106-01	TW-WTS-09	Water	BOD5	Cool 4 deg C	ENTA05	L31	05/19/2025	SM5210 B

Date/Time 05/22/2025 07:00
 Raw Sample Received by: RM WAC
 Raw Sample Relinquished by: [Signature]

Date/Time 05/22/2025 09:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

TOTAL SUSPENDED SOLIDS - SM2540D

TEMP1 IN: 103 °C 05/22/2025 15:00 **TEMP1 OUT:** 103 °C 05/22/2025 16:00
TEMP2 IN: 104 °C 05/22/2025 16:30 **TEMP2 OUT:** 103 °C 05/22/2025 17:30
TEMP3 IN: 104 °C 05/23/2025 10:30 **TEMP3 OUT:** 103 °C 05/23/2025 12:10
TEMP4 IN: 104 °C 05/23/2025 12:50 **TEMP4 OUT:** 103 °C 05/23/2025 14:25

SUPERVISOR: Iwona

ANALYST: jignesh

Date: 05/22/2025

Run Number: LB135909

BalanceID: WC SC-6

OvenID: WC OVEN-1

FilterID: 17416528

ThermometerID: WET OVEN#1

Dish #	Lab ID	Client ID	Empty Dish Weight (g)	Final Empty Dish Weight (g)	Sample Volume (ml)	1st Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	2nd Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Final Empty Dish+Sample weight after 1.5hr drying @103-@105°C (g)	Weight (g)	Result mg/L
1	LB135909BL	LB135909BL	1.3596	1.3596	100	1.3597	1.3597	1.3597	0.0001	1
2	LB135909BS	LB135909BS	1.4741	1.4741	100	1.5273	1.5273	1.5273	0.0532	532
3	Q2098-01	OUTFALL-DSN-001	1.4726	1.4726	1000	1.4849	1.4849	1.4849	0.0123	12.3
4	Q2098-04	OUTFALL-DSN-002	1.5000	1.5000	1000	1.6222	1.6222	1.6222	0.1222	122.2
5	Q2102-03	LAW-25-0078	1.4795	1.4795	300	1.5209	1.5209	1.5209	0.0414	138
6	Q2102-03DUP	LAW-25-0078DUP	1.4824	1.4824	300	1.5240	1.5240	1.5240	0.0416	138.7
7	Q2105-02	COMP	1.4844	1.4844	200	1.5370	1.5370	1.5370	0.0526	263
8	Q2106-01	TW-WTS-09	1.3949	1.3949	700	1.3972	1.3972	1.3972	0.0023	3.3

A = Sample Volume (ml)

B = Final Empty Dish Weight (g)

C = Final Empty Dish + Sample weight after 1.5 hr drying @105°C(g)

D = Weight (g)

Weight (g) = C - B

Result mg/L = $\frac{D}{A} \times 1000 \times 1000$

WORKLIST(Hardcopy Internal Chain)

LB135909

WorkList Name : TSS Q2087 WorkList ID : 189719 Department : Wet-Chemistry Date : 05-23-2025 07:43:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2098-01	OUTFALL-DSN-001	Water	TSS	Cool 4 deg C	TRIS02	L51	05/20/2025	SM2540 D
Q2098-04	OUTFALL-DSN-002	Water	TSS	Cool 4 deg C	TRIS02	L51	05/20/2025	SM2540 D
Q2102-03	LAW-25-0078	Water	TSS	Cool 4 deg C	PSEG03	L21	05/21/2025	SM2540 D
Q2105-02	COMP	Water	TSS	Cool 4 deg C	ARAM01	L31	05/21/2025	SM2540 D
Q2106-01	TW-WTS-09	Water	TSS	Cool 4 deg C	ENTA05	L31	05/19/2025	SM2540 D

Date/Time 05/23/25 08:10
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 05/23/25 15:15
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB135875

Review By	jignesh	Review On	5/23/2025 8:14:42 AM
Supervise By	Iwona	Supervise On	5/23/2025 9:53:02 AM
SubDirectory	LB135875	Test	Non-Polar Material
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3204,M6069,EP2614,WP112782,W3079,NA,WP112783,NA,WO112784		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135875BL	LB135875BL	MB	05/22/25 09:47		jignesh	OK
2	LB135875BS	LB135875BS	LCS	05/22/25 09:47		jignesh	OK
3	LB135875BSD	LB135875BSD	LCSD	05/22/25 09:47		jignesh	OK
4	Q2098-01	OUTFALL-DSN-001	SAM	05/22/25 09:47		jignesh	OK
5	Q2098-04	OUTFALL-DSN-002	SAM	05/22/25 09:47		jignesh	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB135883

Review By	Iwona	Review On	5/22/2025 2:29:29 PM
Supervise By	jignesh	Supervise On	5/22/2025 2:43:23 PM
SubDirectory	LB135883	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113144,WP113143,WP113141,WP113140,WP113139,WP113145,WP113146,W3128		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL4	CAL4	CAL	05/20/25 10:51		Iwona	OK
2	CAL1	CAL1	CAL	05/20/25 12:50		Iwona	OK
3	CAL2	CAL2	CAL	05/20/25 12:50		Iwona	OK
4	CAL3	CAL3	CAL	05/20/25 12:51		Iwona	OK
5	CAL5	CAL5	CAL	05/20/25 12:52		Iwona	OK
6	ICV	ICV	ICV	05/20/25 12:53		Iwona	OK
7	ICB	ICB	ICB	05/20/25 12:53		Iwona	OK
8	CCV1	CCV1	CCV	05/22/25 13:10		Iwona	OK
9	CCB1	CCB1	CCB	05/22/25 13:10		Iwona	OK
10	LB135883BL	LB135883BL	MB	05/22/25 13:11		Iwona	OK
11	LB135883BS	LB135883BS	LCS	05/22/25 13:11		Iwona	OK
12	Q2088-01	252820	SAM	05/22/25 13:12		Iwona	OK
13	Q2093-14	WATER-COMP	SAM	05/22/25 13:12		Iwona	OK
14	Q2093-14DUP	WATER-COMPDUP	DUP	05/22/25 13:13		Iwona	OK
15	Q2093-14MS	WATER-COMPMS	MS	05/22/25 13:13		Iwona	OK
16	Q2093-14MSD	WATER-COMPMSD	MSD	05/22/25 13:14		Iwona	OK
17	Q2098-01	OUTFALL-DSN-001	SAM	05/22/25 13:14		Iwona	OK
18	Q2098-04	OUTFALL-DSN-002	SAM	05/22/25 13:15		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-2

Daily Analysis Runlog For Sequence/QC Batch ID # LB135883

Review By	Iwona	Review On	5/22/2025 2:29:29 PM
Supervise By	jignesh	Supervise On	5/22/2025 2:43:23 PM
SubDirectory	LB135883	Test	COD
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113144,WP113143,WP113141,WP113140,WP113139,WP113145,WP113146,W3128		

19	Q2102-03	LAW-25-0078	SAM	05/22/25 13:15		Iwona	OK
20	CCV2	CCV2	CCV	05/22/25 13:16		Iwona	OK
21	CCB2	CCB2	CCB	05/22/25 13:16		Iwona	OK

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB135887

Review By	rubina	Review On	5/27/2025 2:07:28 PM
Supervise By	Iwona	Supervise On	5/27/2025 2:09:12 PM
SubDirectory	LB135887	Test	BOD5
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP113196,W3149,WP112832,W3103,W3109,W3105,WP113198,WP113197,WP111323		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135887BL	LB135887BL	MB	05/22/25 08:50		rubina	OK
2	LB135887BS	LB135887BS	LCS	05/22/25 08:50		rubina	OK
3	Q2088-01	252820	SAM	05/22/25 08:50		rubina	OK
4	Q2089-01	DRAIN-WATER-TANK	SAM	05/22/25 08:50		rubina	OK
5	Q2093-14	WATER-COMP	SAM	05/22/25 08:50		rubina	OK
6	Q2098-01	OUTFALL-DSN-001	SAM	05/22/25 08:50		rubina	OK
7	Q2098-04	OUTFALL-DSN-002	SAM	05/22/25 08:50		rubina	OK
8	Q2102-03	LAW-25-0078	SAM	05/22/25 08:50		rubina	OK
9	Q2105-02	COMP	SAM	05/22/25 08:50		rubina	OK
10	Q2105-02DUP	COMPDUP	DUP	05/22/25 08:50		rubina	OK
11	Q2106-01	TW-WTS-09	SAM	05/22/25 08:50		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB135909

Review By	jignesh	Review On	5/27/2025 10:15:14 AM
Supervise By	Iwona	Supervise On	5/27/2025 10:51:05 AM
SubDirectory	LB135909	Test	TSS
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135909BL	LB135909BL	MB	05/23/25 10:30		jignesh	OK
2	LB135909BS	LB135909BS	LCS	05/23/25 10:30	55 mg w3186+ 100ml w3112	jignesh	OK
3	Q2098-01	OUTFALL-DSN-001	SAM	05/23/25 10:30		jignesh	OK
4	Q2098-04	OUTFALL-DSN-002	SAM	05/23/25 10:30		jignesh	OK
5	Q2102-03	LAW-25-0078	SAM	05/23/25 10:30		jignesh	OK
6	Q2102-03DUP	LAW-25-0078DUP	DUP	05/23/25 10:30		jignesh	OK
7	Q2105-02	COMP	SAM	05/23/25 10:30		jignesh	OK
8	Q2106-01	TW-WTS-09	SAM	05/23/25 10:30		jignesh	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TRIS PHARMA, INC
ADDRESS: 2033 ROUTE 130
CITY: MONMOUTH JUNCTION STATE: NJ ZIP: 08852
ATTENTION: Nikki Tierney
PHONE: 732-823-4938 FAX: N/A

CLIENT PROJECT INFORMATION

PROJECT NAME: QUARTERLY
PROJECT NO.: LOCATION:
PROJECT MANAGER: Nikki Tierney
e-mail: nmtierney@trispharma.com
PHONE: SAME FAX: N/A

CLIENT BILLING INFORMATION

BILL TO: PO#: 211765
ADDRESS:
CITY: SAME STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: 10 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☒ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. BOD5 2. TSS 3. METALS GRP3 4. COD 5. VOCS GRP1 6. NON-POLAR METALS 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	B	C	A	C				
1. DSN-001	SEWER OUTFALL DSN-001	NW		X	5/20/25	9:00AM	7	X	X	X	X	X	X				PH 1.6 PH 1.3
2. DSN-002	SEWER OUTFALL DSN-002	NW		X	5/20/25	9:44AM	7	X	X	X	X	X	X				PH 1.6 PH 1.3
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>N. TIERNEY</u>	DATE/TIME: <u>05/20/25 11:44AM</u>	RECEIVED BY: <u>[Signature]</u> <u>1430</u> <u>5-20-25</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.6</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1625</u> <u>5-20-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2098	TRIS02	Order Date : 5/20/2025 2:44:00 PM	Project Mgr :
Client Name : Tris Pharma, Inc.		Project Name : Quarterly	Report Type : Results Only
Client Contact : Nichole Nikki Ferrari		Receive DateTime : 5/20/2025 12:00:00 AM	EDD Type : EXCEL NOCLEANUP
Invoice Name : Tris Pharma, Inc.		Purchase Order : 16:45	Hard Copy Date :
Invoice Contact : Nichole Nikki Ferrari			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2098-01	OUTFALL-DSN-001	Water	05/20/2025	09:00					
					VOCMS Group1		624.1	10 Bus. Days	
Q2098-02	Q2098-01MS	Water	05/20/2025	09:00					
					VOCMS Group1		624.1	10 Bus. Days	
Q2098-03	Q2098-01MSD	Water	05/20/2025	09:00					
					VOCMS Group1		624.1	10 Bus. Days	
Q2098-04	OUTFALL-DSN-002	Water	05/20/2025	09:44					
					VOCMS Group1		624.1	10 Bus. Days	

Stored in VOA
ref # 05

Relinquished By : al

Date / Time : 5/21/25 9:45

Received By : mmDadidze

Date / Time : 5-21-25 10:25

Storage Area : VOA Refridgerator Room