

Cover Page

Order ID : Q3676

Project ID : Quarterly

Client : Tris Pharma, Inc.

Lab Sample Number

Q3676-01
Q3676-02
Q3676-03
Q3676-04

Client Sample Number

OUTFALL-DSN-001
OUTFALL-DSN-001MS
OUTFALL-DSN-001MSD
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: 11/27/2025



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CASE NARRATIVE

Tris Pharma, Inc.

Project Name: Quarterly

Project # N/A

Order ID # Q3676

Test Name: VOCMS Group1, Metals Group3, BOD5, COD, Non-Polar Material, TSS

A. Number of Samples and Date of Receipt:

4 Water samples were received on 11/19/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1, Metals Group3, BOD5, COD, Non-Polar Material, TSS. This data package contains results for VOCMS Group1(624.1), Metals Group3(200.7), BOD5 (SM5210 B), COD(SM5220 D), Non-Polar Material(1664A), TSS(SM2540 D).

C. Analytical Techniques:

VOCMS Group1 : The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOCMS Group1 was based on method 624.1.

Metals Group3 : The analysis and digestion of Metals Group3 was based on method 200.7.

Wetchem : 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 Surrogate recoveries were met for all analysis.

The Internal Standards Areas were met for all analysis except following VOCMS Group1 : OUTFALL-DSN-002, Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following VOCMS Group1 : The MS {Q3676-02MS} with File ID: VN088324.D recoveries met the requirements for all compounds except for Acetone[240%] due to matrix interference.



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The MSD recoveries met the requirements for all compounds except following VOCMS Group1 : The MSD {Q3676-03MSD} with File ID: VN088325.D recoveries met the requirements for all compounds except for Acetone[230%] due to matrix interference.

The RPD were met for all analysis except following VOCMS Group1 : The RPD for {Q3676-03MSD} with File ID: VN088325.D met criteria except for Ethyl Acetate[22%], Methylene Chloride[22%] and n-amyl Acetate[33%] due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

VOCMS Group1 : Sample OUTFALL-DSN-002 was diluted due to high concentration.

The Duplicate analysis met criteria for all compounds except following

Metals Group3 : The Duplicate (OUTFALL-DSN-001DUP) analysis met criteria for all compounds except for Zinc due to matrix interference.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

BOD5,COD,Non-Polar Material,TSS : Sample Q3676-04 was analyzed straight dilution for COD Parameter because the original samples were reading over range, only 200X has been reported.

VOCMS Group1 : Trip Blank was not provided with this set of samples.

Alliance has analysed samples for VOCMS Group1 by Method 624.1 for Project "Quarterly". Alliance is not certified for Isopropyl Acetate and N-amyl acetate compounds with NJDEP for 624.1 method. for VOCMS Group1 at the time when samples for Project "Quarterly" were analysed.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



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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

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3676

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 Castody

✓

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: MOHAMMAD AHMED

Date: 11/27/2025