



CLIENT: Advanced Mycology

SAMPLE: XÜM BEYOND SHROOMS

BATCH NO.: 250424

MATRIX: INFUSED EDIBLE - TABLET

SAMPLE ID: TRP-250502-001

RECEIVED ON: MAY 02, 2025

SERVING SIZE: 0.381 G

PACKAGE SIZE: 3.8101 G

## TRYPTAMINES SUMMARY

TOTAL ACTIVES:

NOT TESTED

PSILOCIN EQ.:

NOT TESTED

## POTENCY SUMMARY

TOTAL ANALYZED COMPOUNDS:

4.455 mg/g

TOTAL CANNABINOIDs:

NOT TESTED

TOTAL ALKALOIDs:

0.445 %

TOTAL TERPENES:

NOT TESTED

TOTAL POLYSACCHARIDES:

NOT TESTED

## METALS SUMMARY

TOTAL METAL CONTENT:

NOT TESTED

## MICROBIALS SUMMARY

DETECTED:

NOT TESTED

## MOISTURE / WATER ACTIVITY

MOISTURE:

NOT  
TESTEDWATER  
ACTIVITY:NOT  
TESTED

## PESTICIDES SUMMARY

TOTAL CONCENTRATION:

NOT TESTED

## RESIDUAL SOLVENTS SUMMARY

TOTAL CONCENTRATION:

NOT TESTED



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Sample ID: TRP-250502-001

  
 Caleb King, MS  
 Chief Science Officer,  
 Tryptomics  
 May 13, 2025



## CERTIFICATE OF ANALYSIS

THIS IS A REVISED COA ISSUED MAY 12, 2025

SAMPLE: XÜM BEYOND SHROOMS (INFUSED EDIBLE - TABLET) // CLIENT: ADVANCED MYCOLOGY



**BATCH NO.:** 250424  
**MATRIX:** INFUSED EDIBLE - TABLET  
**SAMPLE ID:** TRP-250502-001  
**RECEIVED ON:** MAY 02, 2025  
**SERVING SIZE:** 0.381 G  
**PACKAGE SIZE:** 3.8101 G

### COA SUMMARY

<b>TOTAL ANALYZED COMPOUNDS:</b>	<b>4.455 mg/g</b>
<b>TOTAL ANALYZED COMPOUNDS PER PACKAGE:</b>	<b>16.972 mg</b>
<b>TOTAL ANALYZED COMPOUNDS PER SERVING:</b>	<b>1.697 mg</b>
<b>PSILOCIN EQUIVALENT PER PACKAGE:</b>	<b>0 mg</b>
<b>PSILOCIN EQUIVALENT PER SERVING:</b>	<b>0 mg</b>

TOTALS INCLUDE ALKALOIDS



### DMT & SYNTHETIC TRYPTAMINE PANEL

**TOTAL ANALYTES PER PACKAGE**  
**TOTAL ANALYTES PER SERVING**

**16.972 mg**  
**1.697 mg**

ANALYTE	mg/pkg	mg/srv	mg/g	LOD / LOQ (mg/g)
4-HYDROXY-METHYLETHYLTRYPTAMINE-(4-HO-MET)	16.972	1.697	4.455	0.00164 / 0.01637
4-ACETOXY-DET	ND	ND	ND	0.00160 / 0.01604
PSILACETIN-(4-ACO-DMT)	ND	ND	ND	0.00163 / 0.01629
4-ACO-MET	ND	ND	ND	0.00164 / 0.01641
4-ACETOXY-MIPT	ND	ND	ND	0.00163 / 0.01627
4-HYDROXY-DET	ND	ND	ND	0.00156 / 0.01565
4-HYDROXY-ETHYLPROPYLTRYPTAMINE-(4-HO-EPT)	ND	ND	ND	0.00156 / 0.01560
4-PROPANOYOXY-DMT	ND	ND	ND	0.00163 / 0.01628
DIISOPROPYLTRYPTAMINE (DIPT)	ND	ND	ND	0.00167 / 0.01674
DIPROPYLTRYPTAMINE (DPT)	ND	ND	ND	0.00167 / 0.01670
ETHYLPROPYLTRYPTAMINE (EPT)	ND	ND	ND	0.00157 / 0.01574
METHYLETHYLTRYPTAMINE (MET)	ND	ND	ND	0.00158 / 0.01578
DIMETHYLTRYPTAMINE (N,N-DMT)	ND	ND	ND	0.00158 / 0.01583



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 Caleb King, MS  
 Chief Science Officer,  
 Tryptomics  
 May 13, 2025



## NATURAL TRYPTAMINE PANEL

TOTAL ANALYTES PER PACKAGE  
TOTAL ANALYTES PER SERVING0.000 mg  
0.000 mg

ANALYTE	mg/pkg	mg/srv	mg/g	LOD / LOQ (mg/g)
4-HO-TRIMETHYLTRYPTAMINE-(4-HO-TMT)	ND	ND	ND	0.00028 / 0.00093
4-HYDROXYTRYPTAMINE	ND	ND	ND	0.00028 / 0.00093
5-HYDROXYTRYPTOPHAN-(5-HTP)	ND	ND	ND	0.00028 / 0.00093
5-METHOXY-NMT	ND	ND	ND	0.00278 / 0.00834
5-METHOXY-DMT-(5-MEO-DMT)	ND	ND	ND	0.00028 / 0.00093
ADENOSINE	ND	ND	ND	0.00028 / 0.00093
AERUGINASCIN	ND	ND	ND	0.00028 / 0.00093
BAEOCYSTIN (4-PO-NMT)	ND	ND	ND	0.00028 / 0.00093
BUFOTENIN (5-HO-DMT)	ND	ND	ND	0.00028 / 0.00093
DIMETHYLTRYPTAMINE (N,N-DMT)	ND	ND	ND	0.00158 / 0.01583
N-METHYLTRYPTAMINE (N-NMT)	ND	ND	ND	0.00028 / 0.00093
NORBAEOCYSTIN (4-PO-TRYPTAMINE)	ND	ND	ND	0.00028 / 0.00093
NORPSILOCIN (4-HO-NMT)	ND	ND	ND	0.00028 / 0.00093
PSILOCIN (4-HO-DMT)	ND	ND	ND	0.00028 / 0.00093
PSILOCYBIN (4-PO-DMT)	ND	ND	ND	0.00028 / 0.00093
SEROTONIN (5-HO-TRYPTAMINE)	ND	ND	ND	0.00028 / 0.00093
TRYPTAMINE	ND	ND	ND	0.00028 / 0.00093
TRYPTOPHAN	ND	ND	ND	0.00028 / 0.00093
PSILOCIN EQUIVALENT**	ND	ND	ND	--

\*\* PSILOCIN EQUIVALENT = PSILOCIN + (PSILOCYBIN X 0.7186)

SCAN TO BUY  
TESTS

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 Caleb King, MS  
 Chief Science Officer,  
 Tryptomics  
 May 13, 2025



CLIENT: Advanced Mycology

**SAMPLE:** XUM METOCIN (4-HO-MET) TABLETS  
**BATCH NO.:** 250703  
**MATRIX:** INFUSED EDIBLE - TABLET  
**SAMPLE ID:** TRP-250708-001  
**RECEIVED ON:** JUL 08, 2025  
**SERVING SIZE:** 0.3812 G  
**PACKAGE SIZE:** 3.8116 G

## TRYPTAMINES SUMMARY

TOTAL ACTIVES:

NOT TESTED

PSILOCIN EQ.:

NOT TESTED

## POTENCY SUMMARY

**TOTAL ANALYZED COMPOUNDS:** 6.616 mg/g

**TOTAL CANNABINOIDs:** NOT TESTED

**TOTAL ALKALOIDs:** 0.662 %

**TOTAL TERPENES:** NOT TESTED

**TOTAL POLYSACCHARIDES:** NOT TESTED

## METALS SUMMARY

TOTAL METAL CONTENT:

NOT TESTED

## MICROBIALS SUMMARY

DETECTED:

NOT TESTED

## MOISTURE / WATER ACTIVITY

MOISTURE:

NOT TESTED

WATER ACTIVITY:

NOT TESTED

## PESTICIDES SUMMARY

TOTAL CONCENTRATION:

NOT TESTED

## RESIDUAL SOLVENTS SUMMARY

TOTAL CONCENTRATION:

NOT TESTED



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Sample ID: TRP-250708-001

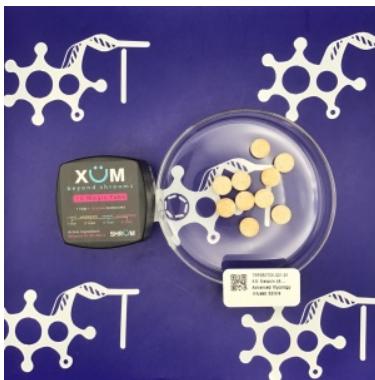
*valley*  
 Caleb King, MS  
 Chief Science Officer,  
 Tryptomics  
 Aug 05, 2025



## CERTIFICATE OF ANALYSIS

THIS IS A REVISED COA ISSUED AUG 05, 2025

SAMPLE: XÜM METOCIN (4-HO-MET) TABLETS (INFUSED EDIBLE - TABLET) // CLIENT: ADVANCED MYCOLOGY



**BATCH NO.:** 250703  
**MATRIX:** INFUSED EDIBLE - TABLET  
**SAMPLE ID:** TRP-250708-001  
**RECEIVED ON:** JUL 08, 2025  
**SERVING SIZE:** 0.3812 G  
**PACKAGE SIZE:** 3.8116 G

### COA SUMMARY

**TOTAL ANALYZED COMPOUNDS:** 6.616 mg/g  
**TOTAL ANALYZED COMPOUNDS PER PACKAGE:** 25.217 mg  
**TOTAL ANALYZED COMPOUNDS PER SERVING:** 2.522 mg

TOTALS INCLUDE ALKALOIDS



### DMT & SYNTHETIC TRYPTAMINE PANEL

**TOTAL ANALYTES PER PACKAGE**  
**TOTAL ANALYTES PER SERVING**

25.217 mg  
 2.522 mg

ANALYTE	mg/pkg	mg/srv	mg/g	LOD / LOQ (mg/g)
4-HYDROXY METHYLETHYLTRYPTAMINE (4-HO-MET)	25.217	2.522	6.616	0.00352 / 0.03520
4-ACETOXY-DET	ND	ND	ND	0.00345 / 0.03449
PSILACETIN (4-ACO-DMT)	ND	ND	ND	0.00350 / 0.03503
4-ACO-MET	ND	ND	ND	0.00353 / 0.03529
4-ACETOXY-MIPT	ND	ND	ND	0.00350 / 0.03498
4-HYDROXY-DET	ND	ND	ND	0.00336 / 0.03365
4-HYDROXY ETHYLPROPYLTRYPTAMINE (4-HO-EPT)	ND	ND	ND	0.00335 / 0.03355
4-PROPANOXY-DMT	ND	ND	ND	0.00350 / 0.03502
DIISOPROPYLTRYPTAMINE (DIPT)	ND	ND	ND	0.00360 / 0.03600
DIPROPYLTRYPTAMINE (DPT)	ND	ND	ND	0.00359 / 0.03592
ETHYLPROPYLTRYPTAMINE (EPT)	ND	ND	ND	0.00338 / 0.03384
METHYLETHYLTRYPTAMINE (MET)	ND	ND	ND	0.00339 / 0.03393
DIMETHYLTRYPTAMINE (N,N-DMT)	ND	ND	ND	0.00340 / 0.03404

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