

## Analytical Report

Sample ID	1258	-	Analysis Service - A0205
Expected	3,4-EtMC		
Sample adulterated or impure?	No		
Sample Appearance			
Sample type	#N/A	-	
Date of sample receipt	10-Jun-2024		
Date of analysis	18-Jun-2024		
Date of Report	19-Jun-2024		

### Substances identified

	Harm Reduction information	Chemical Class	Pubchem ID	Analytical techniques used
3,4-EtMC		Cathinone	<a href="https://pubchej">https://pubchej</a>	FTIR/LCMS/NMR

\* uncertainty of measurement +/- 5 %

***The Analysis Report is not a warranty or advertisement for the quality of any supplier or product!  
We do not claim nor make any guarantees or recommendations regarding the safety of the analysed samples for human consumption.***

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Detailed information regarding our workflow including a full description of the analytical methods applied

is freely available under <https://www.kykeonanalytics.com/services/users/>

Attachments:

End of Analytical Report

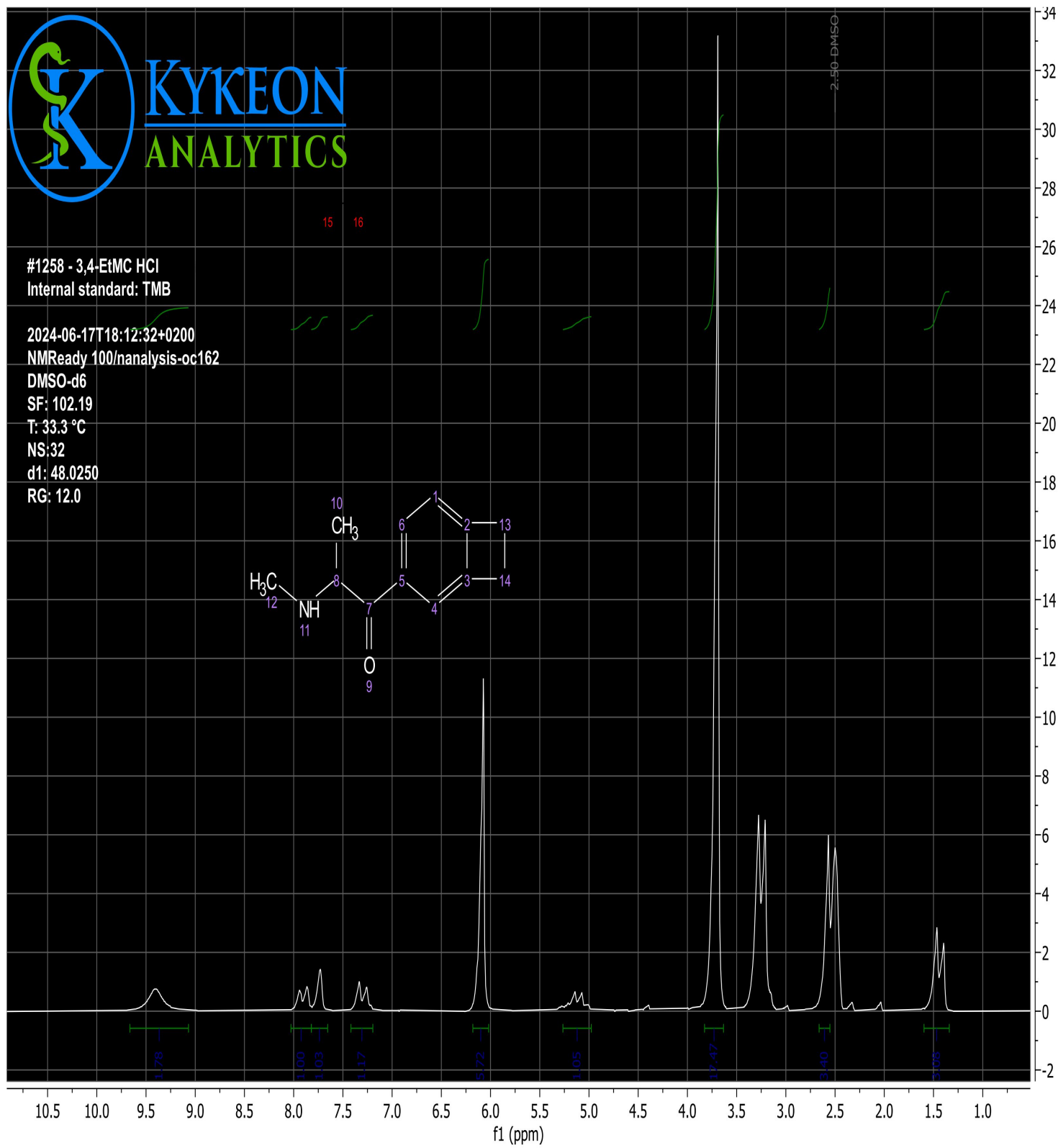
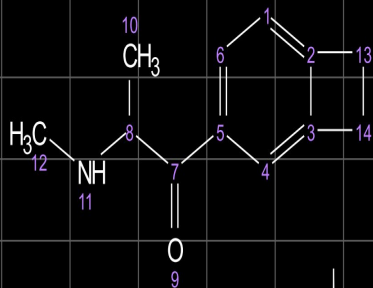
Kykeon Analytics Ltd. - Apartado de correos 11, 08500 Vic, Spain - CIF: W02581898C - mail@kykeonanalytics.com



**KYKEON**  
**ANALYTICS**

#1258 - 3,4-EtMC HCl  
Internal standard: TMB

2024-06-17T18:12:32+0200  
NMReady 100/nanalysis-oc162  
DMSO-d6  
SF: 102.19  
T: 33.3 °C  
NS:32  
d1: 48.0250  
RG: 12.0



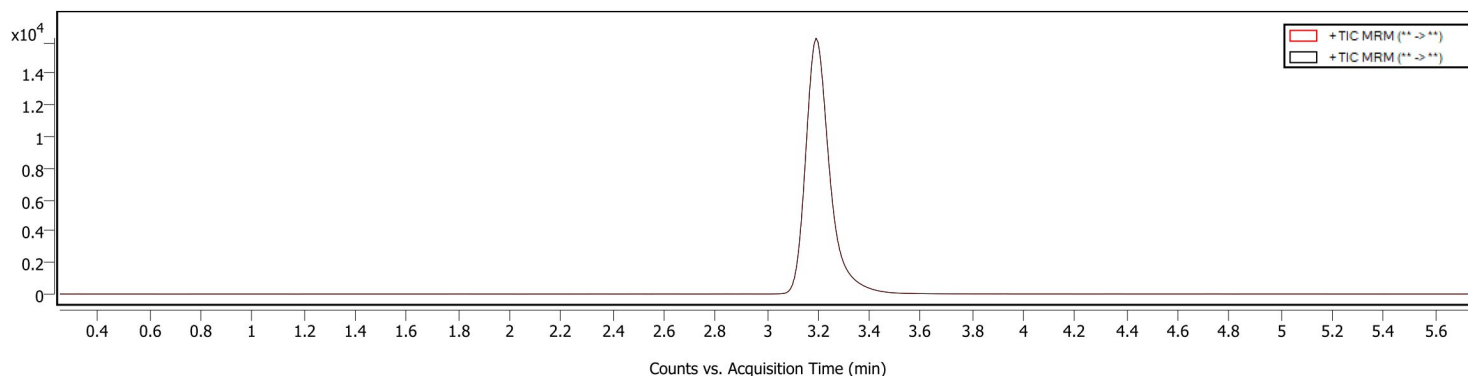
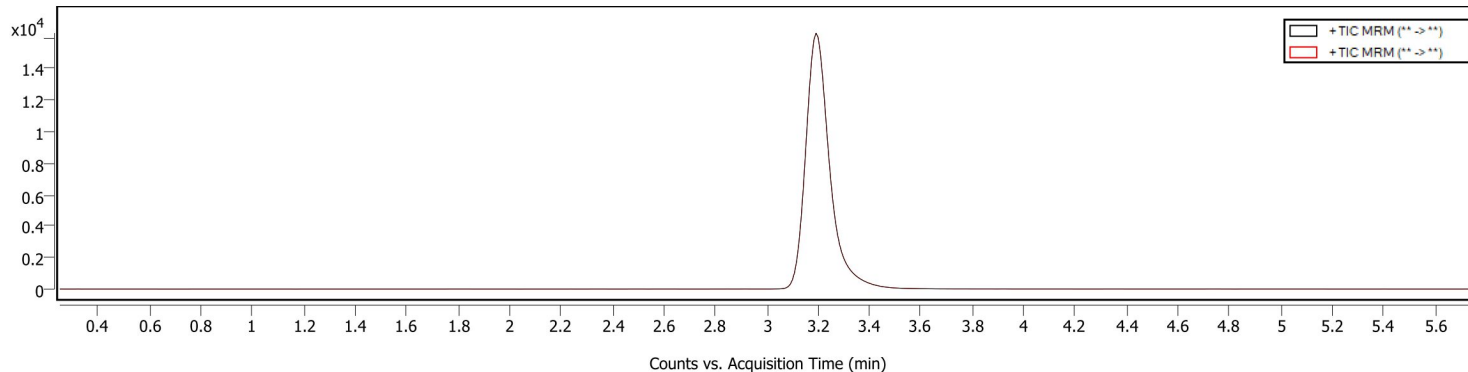
# Qualitative Analysis Report



## Sample Information

<b>Name</b>	1258_3,4-EtMC	<b>Data File Path</b>	D:\Kykeon\Data\2024\06-13\1258_3,4-EtMC_MRM.d
<b>Sample ID</b>		<b>Acq. Time (Local)</b>	6/14/2024 9:54:09 AM (UTC+02:00)
<b>Instrument</b>	Instrument 1	<b>Method Path (Acq)</b>	D:\Kykeon\methods\substances\3,4-EtMC.m
<b>MS Type</b>	QQQ	<b>Version (Acq SW)</b>	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
<b>Inj. Vol. (ul)</b>	1	<b>IRM Status</b>	
<b>Position</b>	P2-A3	<b>Method Path (DA)</b>	D:\Kykeon\methods\ReportWorkflowMethod-MRM.m
<b>Operator</b>		<b>Result Summary</b>	2 qualified (2 targets)

## Sample Chromatograms



## Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	3-chloroethyl-N-methylcathinone			Not Detected	-	-	MRM
2	3,4-EtMC			3.199	100744	190.0	MRM

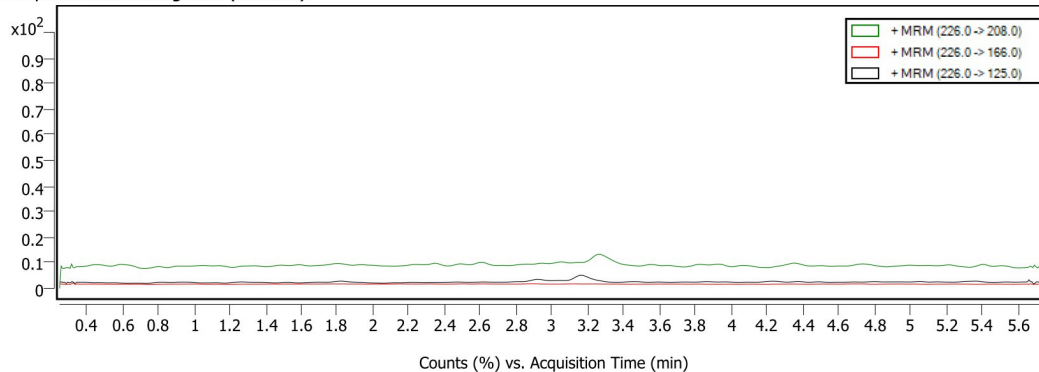
# Qualitative Analysis Report

## Compound Details

### Cpd. 1: 3-chloroethyl-N-methylcathinone

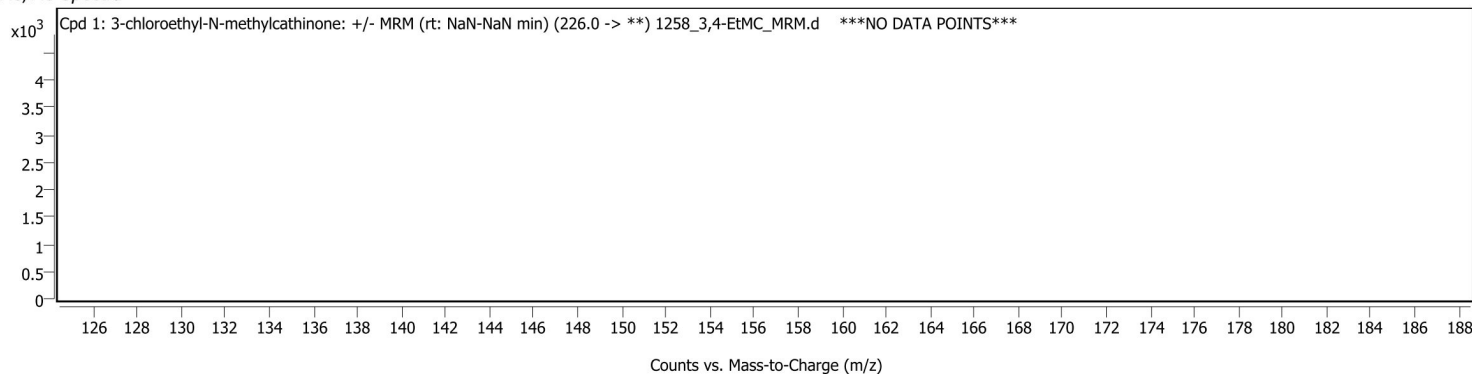
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3-chloroethyl-N-methylcathinone			Not Detected	-	226.0	208.0	20.00		MRM

#### Compound Chromatograms (overlaid)



Structure

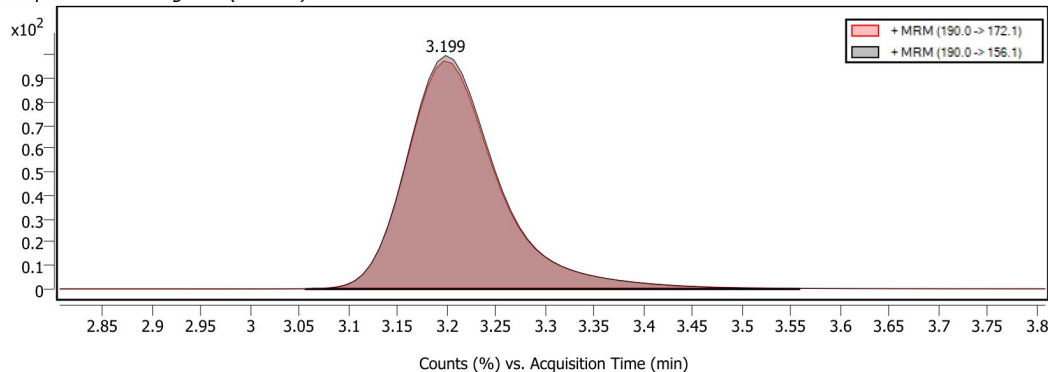
#### MS/MS Spectra



### Cpd. 2: 3,4-EtMC

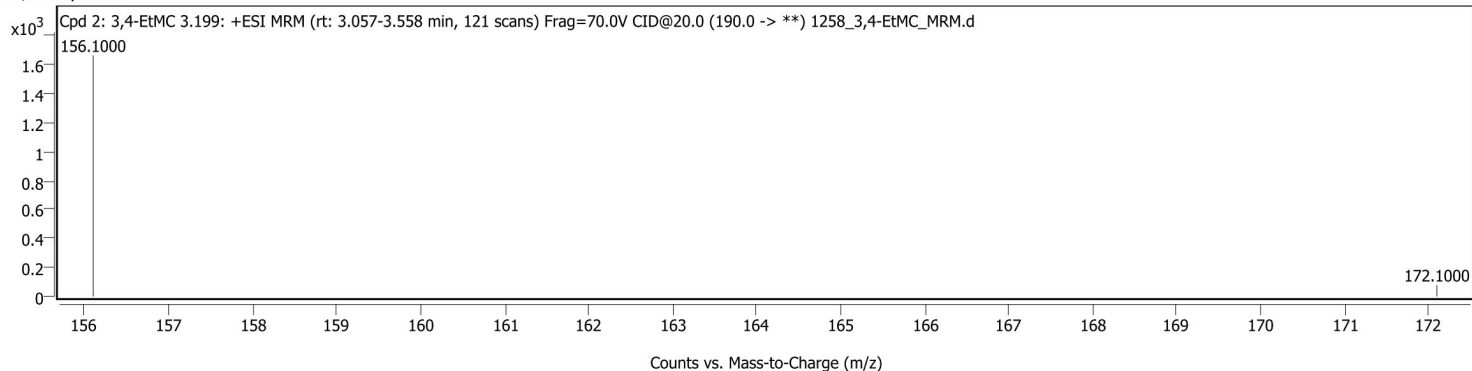
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
3,4-EtMC			3.199	100744	190.0	156.1	20.00		MRM

#### Compound Chromatograms (overlaid)



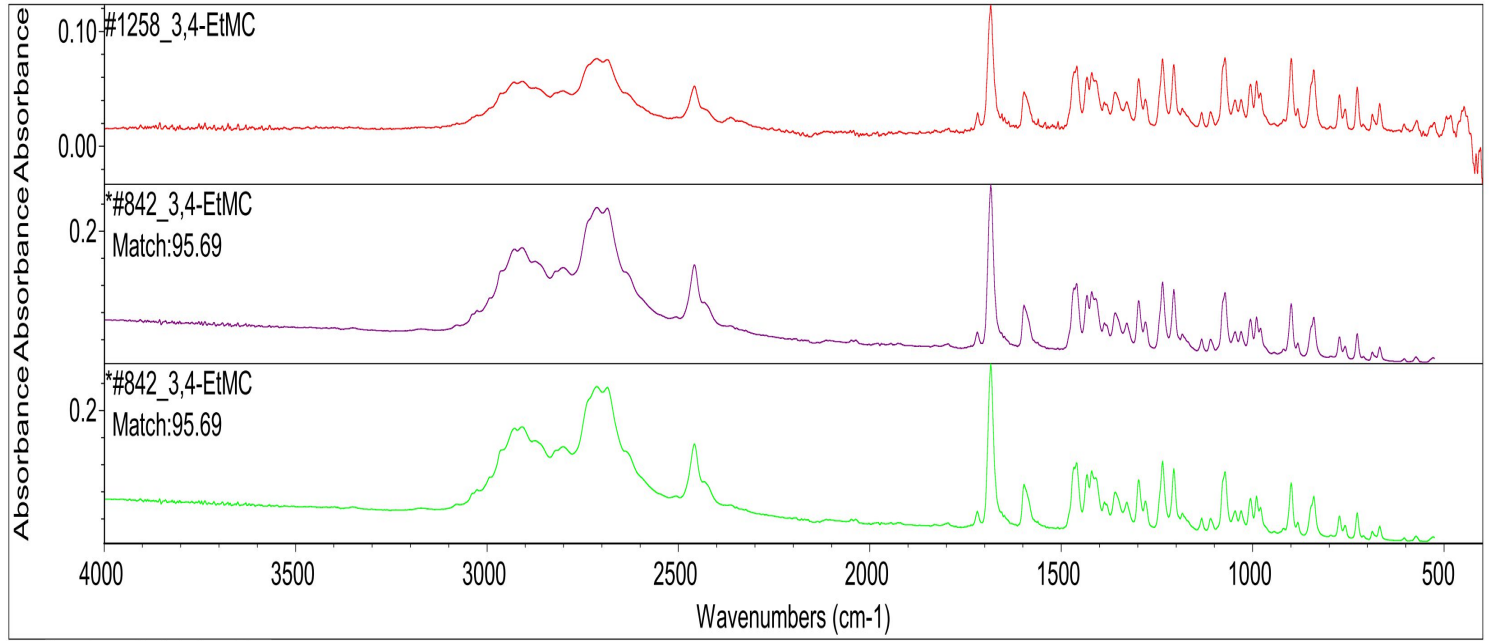
Structure

#### MS/MS Spectra



MassHunter Qual 10.0  
(End of Report)

Search results for: #1258\_3,4-EtMC  
Date: Tue Jun 11 15:37:26 2024 (GMT+02:00)  
Search algorithm: Correlation  
Regions searched: 3495.26-700.00



Search results list of matches

Index	Match	Compound Name	Library Name
1	164	95.69 #842_3,4-EtMC	KykeonJune2024
2	185	95.69 #842_3,4-EtMC	KYKEONFEB2024