

Analytical Report

Sample ID	719	-	Analysis Service - A0008	sample submitted by quasar-chemicals.de
Expected	Sunifiram			
Sample adulterated?	No			
Sample Appearance				
Sample type	Other -			
Date of sample receipt	Nov-10-2023			
Date of analysis	Nov-16-2023			
Date of Report	Nov-17-2023			

Qualitative and Quantitative Results

Substances identified	Purity / Quantity	Harm Reduction information	Chemical Class	Pubchem ID	analytical techniques used	
					Identification	Quantification
Sunifiram	>99 % *	https://psychonautwiki.org/wiki/Sunifiram		#N/A	LCMS	NMR

* uncertainty of measurement +/- 5 %

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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: LCMS Detailed report
 1H NMR Spectrum
 FTIR Spectrum

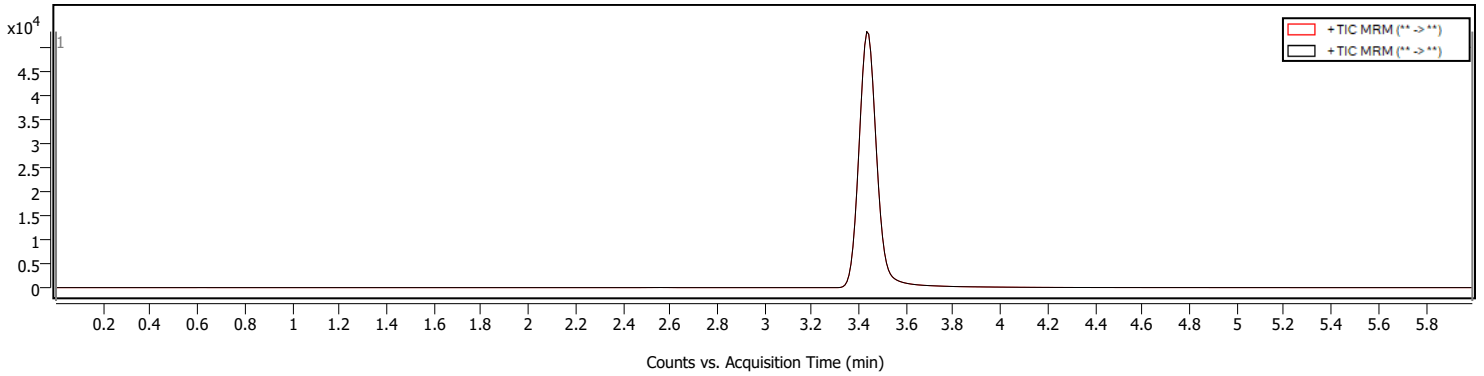
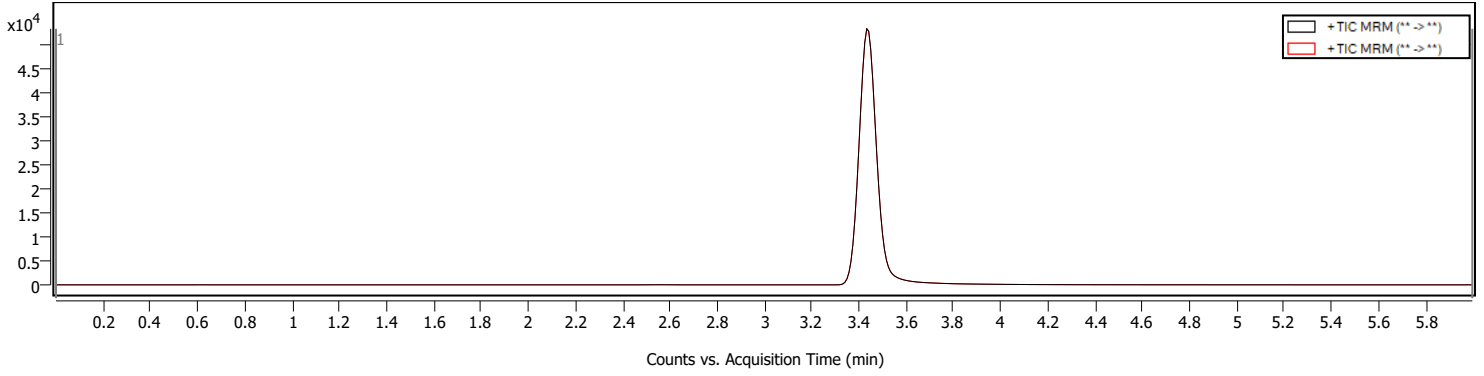
Qualitative Analysis Report



Sample Information

Name	719_Sunifiram	Data File Path	D:\Kykeon\Data\2023\11-21\719_Sunifiram_MRM.d
Sample ID		Acq. Time (Local)	11/21/2023 11:11:05 AM (UTC+01:00)
Instrument	Instrument 1	Method Path (Acq)	D:\Kykeon\methods\dMRM-605min50mmNormalC18-sunifiram.m
MS Type	QQQ	Version (Acq SW)	Ultivo LC/TQ C.01.00 (B1677.1 SR1)
Inj. Vol. (ul)	20	IRM Status	
Position	P1-D3	Method Path (DA)	D:\Kykeon\methods\ReportWorkflowMethod-MRM.m
Operator		Result Summary	1 qualified (1 targets)

Sample Chromatograms



Compound Summary

Cpd	Name	Formula	Mass	RT	Area	m/z	Algorithm
1	Sunifiram			3.436	132593	247.1	MRM

Qualitative Analysis Report

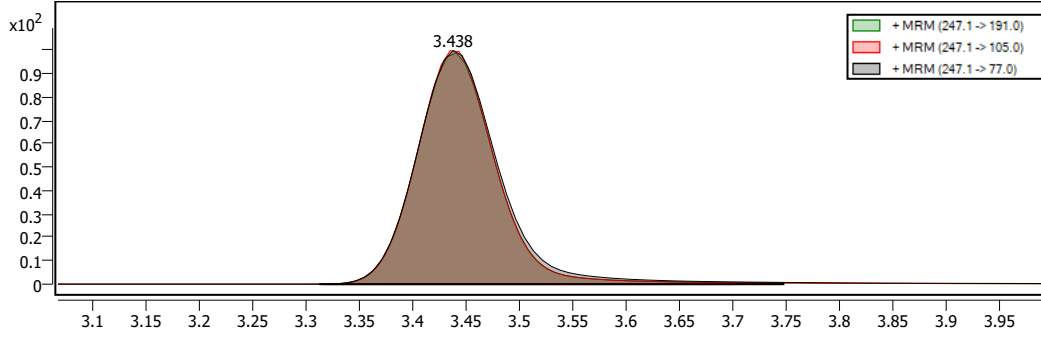


Compound Details

Cpd. 1: Sunifiram

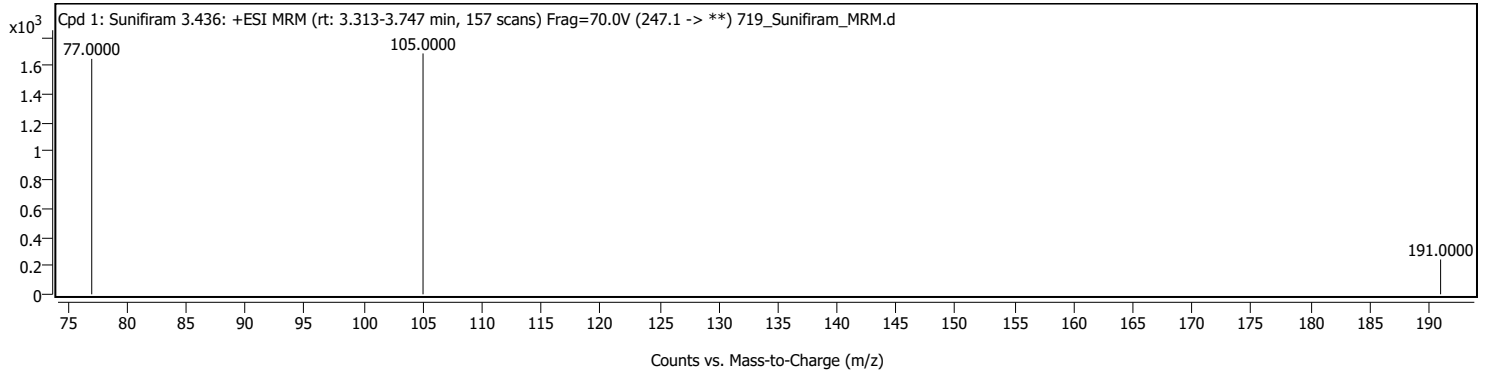
Name	Formula	Mass	RT	Area	m/z	m/z (primary prod.)	CE	FV	Algorithm
Sunifiram			3.436	132593	247.1	105.0	10.00		MRM

Compound Chromatograms (overlaid)

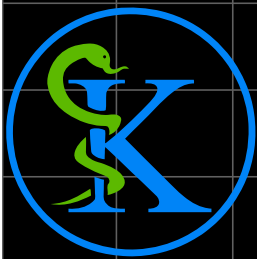


Structure

MS/MS Spectra



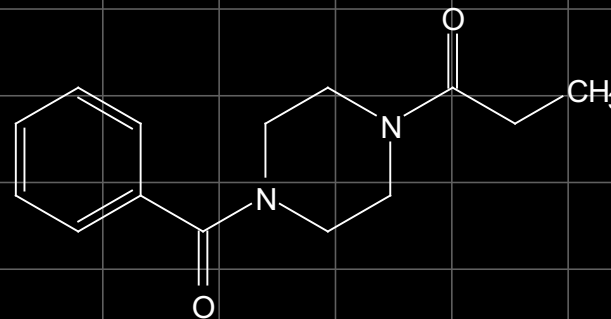
MassHunter Qual 10.0
(End of Report)



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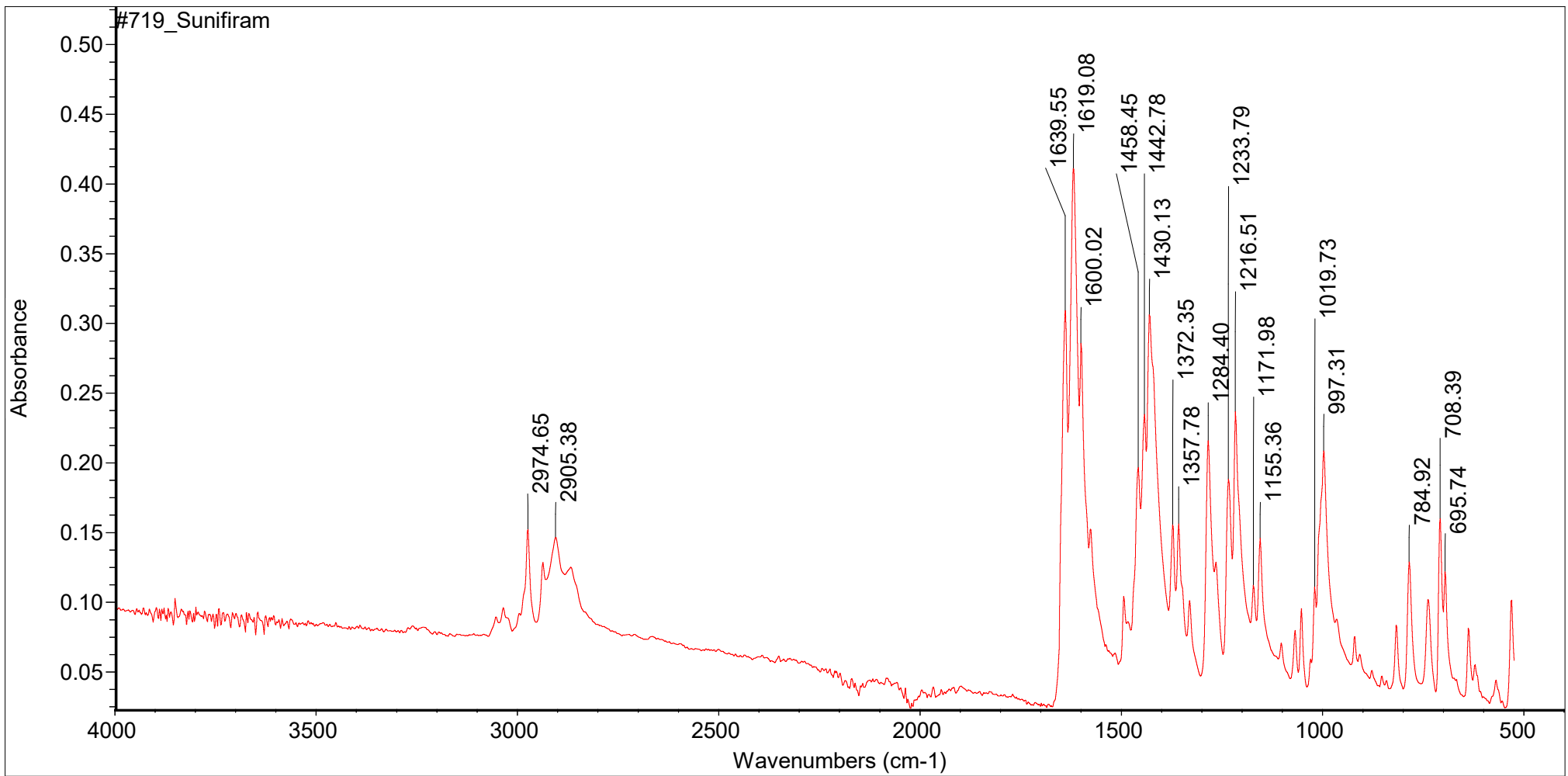
#719 Sunifram
Purity: >99 %
Internal Std: TMB

2023-11-23T11:02:01+0100
NMReady 100/nanalysis-oc162
DMSO-d6
SF: 102.20
T: 33.3 °C
NS:32
d1: 43.0149
RG: 28.0



8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0
f1 (ppm)

300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
-20



Mon Nov 20 12:49:09 2023 (GMT+01:00)

FIND PEAKS:

Spectrum: #719_Sunifiram
 Region: 4000.00 400.00
 Absolute threshold: 0.107
 Sensitivity: 50
 Peak list:

Position:	Intensity:
695.74	0.124
708.39	0.162
784.92	0.130
997.31	0.209
1019.73	0.112
1155.36	0.146
1171.98	0.113

Position:	1216.51	Intensity:	0.237
Position:	1233.79	Intensity:	0.189
Position:	1284.40	Intensity:	0.217
Position:	1357.78	Intensity:	0.157
Position:	1372.35	Intensity:	0.157
Position:	1430.13	Intensity:	0.308
Position:	1442.78	Intensity:	0.235
Position:	1458.45	Intensity:	0.197
Position:	1600.02	Intensity:	0.288
Position:	1619.08	Intensity:	0.413
Position:	1639.55	Intensity:	0.310
Position:	2905.38	Intensity:	0.147
Position:	2974.65	Intensity:	0.153