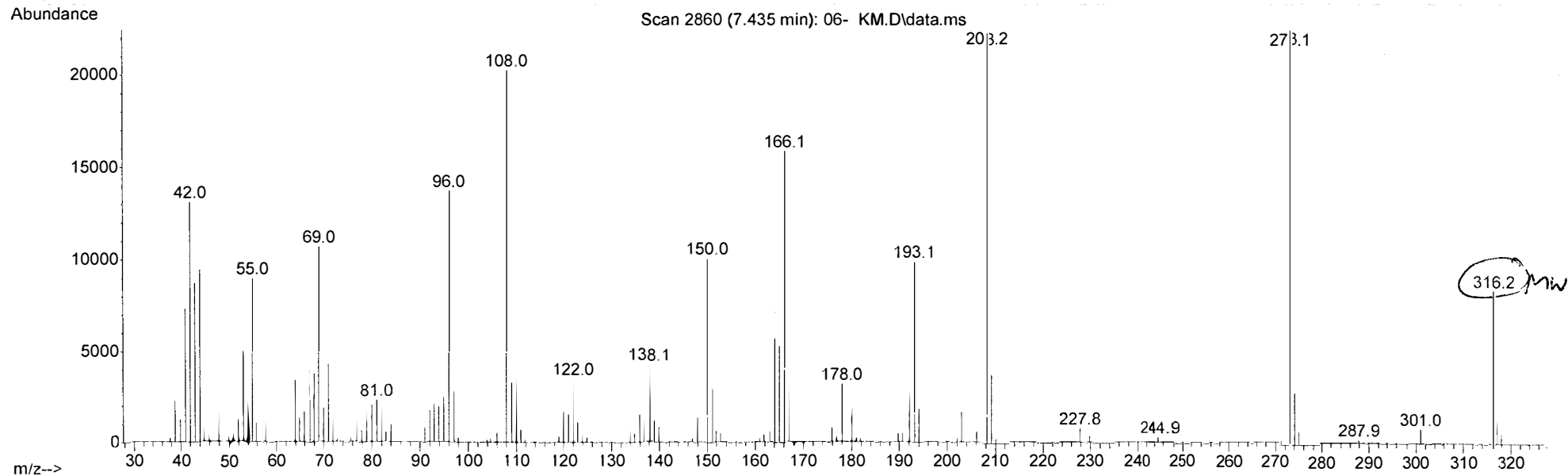
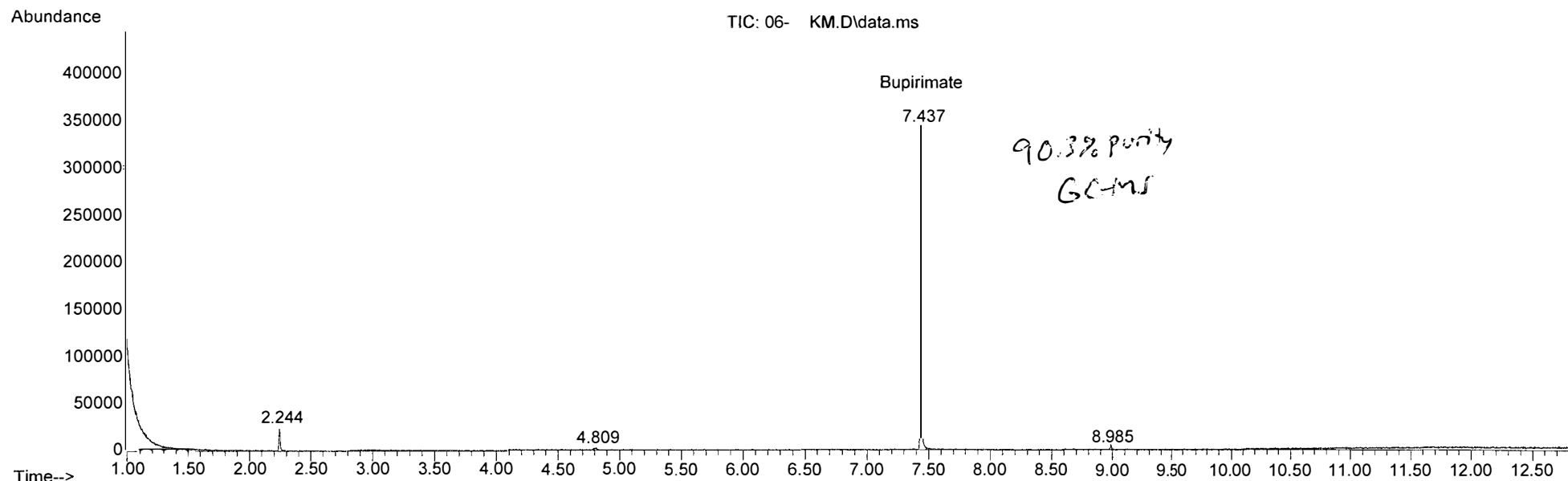


File : Z:\GCMS-08 Minimal\DATA\20241121\06 KM.D
Operator : Organic QC Lab
Acquired : 21 Nov 2024 14:39 using AcqMethod Hy_Pest_24cm_S50.M
Instrument : GCMS 8
Sample Name: P-672N
Misc Info : Bupirimate in ACN
Vial Number:

P-672N
36610
90.3%GC/MS 11/25/2024



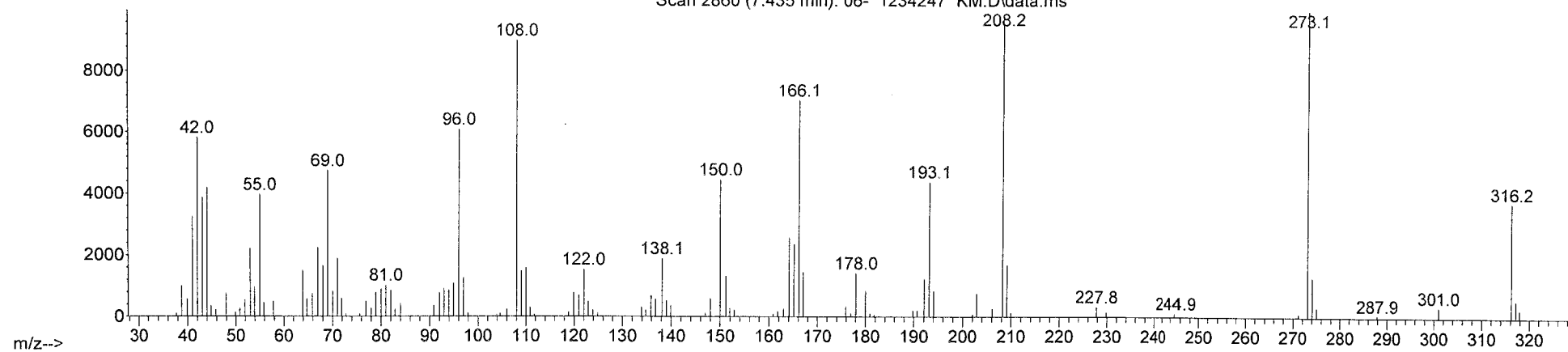
Library Searched : Z:\Database\NIST23.L

Quality : 94

ID : 5-Butyl-2-ethylamino-6-methylpyrimidin-4-yl dimethylsulfamate

Abundance

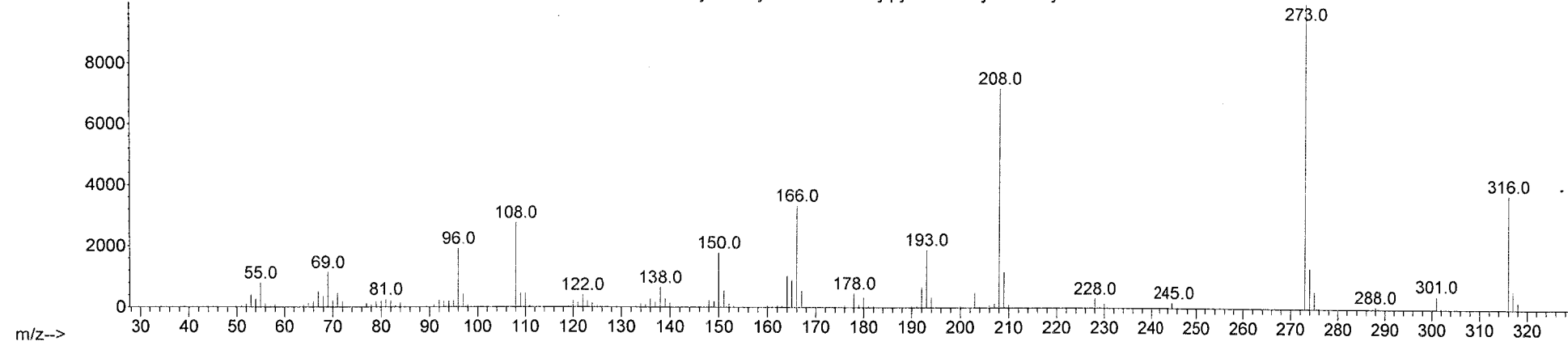
Scan 2860 (7.435 min): 06- 1234247 KM.D\data.ms



m/z-->

#244280: 5-Butyl-2-ethylamino-6-methylpyrimidin-4-yl dimethylsulfamate

Abundance



m/z-->

Data Path : Z:\GCMS-08 Minimal\DATA\20241121\
 Data File : 06- 1234247 KM.D
 Acq On : 21 Nov 2024 14:39
 Operator : Organic QC Lab
 Sample : P-672N (1234247)
 Misc : Bupirimate in ACN LGC Lot #1234247
 ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: events.e
 Integrator: ChemStation

Method : C:\gcms\1\METHODS\default.m
 Title :

Signal : TIC: 06- 1234247 KM.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.244	540	557	591	M2	24084	177944	6.96%	6.286%
2	4.809	1657	1695	1725	M5	2485	49970	1.95%	1.765%
3	7.437	2851	2861	2899	M	347330	2557367	100.00%	90.337%
4	8.985	3530	3547	3564	M4	5092	45633	1.78%	1.612%

Sum of corrected areas: 2830914

Lot # 36610

Made by kmorse

Made Date 11/25/2024

CATALOG # P-672N

Final Vol 2000 mg

Final Conc 0

Vendor Lot 1234247

Bupirimate (P-672N)

Solvent

Ratio

Lot Numbers

Balance No.

Storage Condition

Ambient (>5 °

QC Location

Storage Location

NS	WC	Component	MW	CAS Number	Target	Product	Conc.	Lot No	Actual Concentration	Qty	Units	Purity	Concentration Prepared
1	<input type="checkbox"/>	<input type="checkbox"/> Bupirimate	316.47	41483-43-6	0							90.3	

Number of Components 1

P-672N



DR EHRENSTORFER™

8x280ms

GC in ACN

REFERENCE MATERIAL CERTIFICATE

Reference Material

This certificate is designed in accordance with ISO Guide 31. This reference material (RM) was designed, produced and verified in accordance with a registered quality management system ISO 9001. All measurements were performed according to ISO/IEC 17025 by a DAkkS accredited laboratory (D-PL-19883-01-00).

Product Name
Bupirimate

Product Code
DRE-C10850000

Lot Number
1234247

CAS No.
41483-43-6

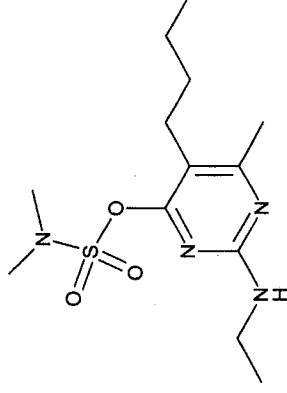
Format
Neat

Mol. Weight
316.42

Expiry Date
07 Sep 2026

Mol. Formula
C₁₃H₂₄N₄O₃S

Storage Temp
-18°C ± 4°C



CERTIFIED

Purity
87.1% (g/g)

CERTIFIED

Expanded Uncertainty (U)
5.0% (g/g)

Uncertainty

The certified value(s) and uncertainty(ies) are determined in accordance with EURACHEM/CITAC Guide for "Quantifying Uncertainty in Analytical Measurement, 3rd edition", with an 95% confidence level (k=2). Uncertainty is based on the Total Combined Uncertainty, including uncertainties of characterisation and stability testing. Stability values are based on real evidence opposed to simulation.

The producer certifies that this reference material meets the specification stated in this certificate until the expiry date, provided it is stored unopened at the recommended temperature herein. Product warranties for this reference material are set out in the terms and conditions of purchase.

CERTIFIED BY

N. Müller

CERTIFIED ON

07 Sep 2022

H.U.

RM Release

Certificate Verified

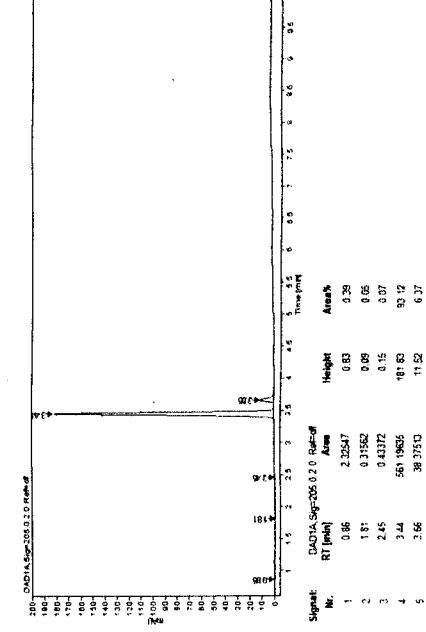
Gabriele Kießling

09 Sep 2022



REFERENCE MATERIAL CERTIFICATE

CHROMATOGRAM



Instrument
UHPLC/DAD

Detection
DAD

Column
LUNA Omega C18 1.6 µm 100 x 2.1 mm

Method Details
see Batch Information

Inj.-Vol.
2.0 µL

Flow
0.5 mL/min

Method of Characterisation

Purity was determined by quantitative ¹H-NMR

Method of Identification

EA, NMR, RT, IR, MS, UV

Batch Information

Water Content: 0.2% (g/g) by Karl-Fischer-Titration (U(exp) = 0.1% (g/g)).

Method Details:

Eluent A: 100% Acetonitrile

Eluent B: Water + 0.5% H3PO4

Time [min]	Eluent A [%]	Eluent B [%]
0	40	60
0.3	40	60
8	100	0
9.5	100	0

Intended Use

This RM is intended for use in a laboratory as a calibration and quality control standard or in method development for analytical techniques.

Safety

Proper precautions should be observed while handling. See Safety Data Sheet.

Traceability

The balances used for gravimetric measurements are calibrated with weights traceable to the national

standards (DKD). The calibration of the balances is verified daily internally and annually by an external accredited calibration service. Chromatographic methods are traceable to the International System of Units (SI).

Storage

The RM should be stored in the original sealed container at the indicated temperature.

Instructions for use

It is recommended to use 1 mg as the minimum sample size and if less material is used, to increase the certified uncertainty by a factor of two for half sample and four for a quarter of sample. If storage after opening is necessary, the RM should be tightly closed and kept from light and moisture. If the RM was in a sealed ampoule, it should be transferred to a vial with minimum head space. Visit the support section of our website lgcstandards.com for a series of Dr. Ehrenstorfer Tech Tip videos and frequently asked questions.

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