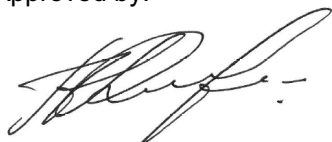


Name: 1-(9-Anthracenylmethyl)piperazine
Lot#: GR-2-055
Test Date: 09/19/2019 (re-test date: 09/19/2024)
CAS No.: 126257-22-5
MF: C₁₉H₂₀N₂
MW: 276.38
Appearance: Beige Solid
Purity: 99.7% by HPLC
¹H-NMR: Conforms
MS-ESI (+) Conforms

Approved by:

Date: 09/19/2019



Viorica Rusu, QC/QA Manager

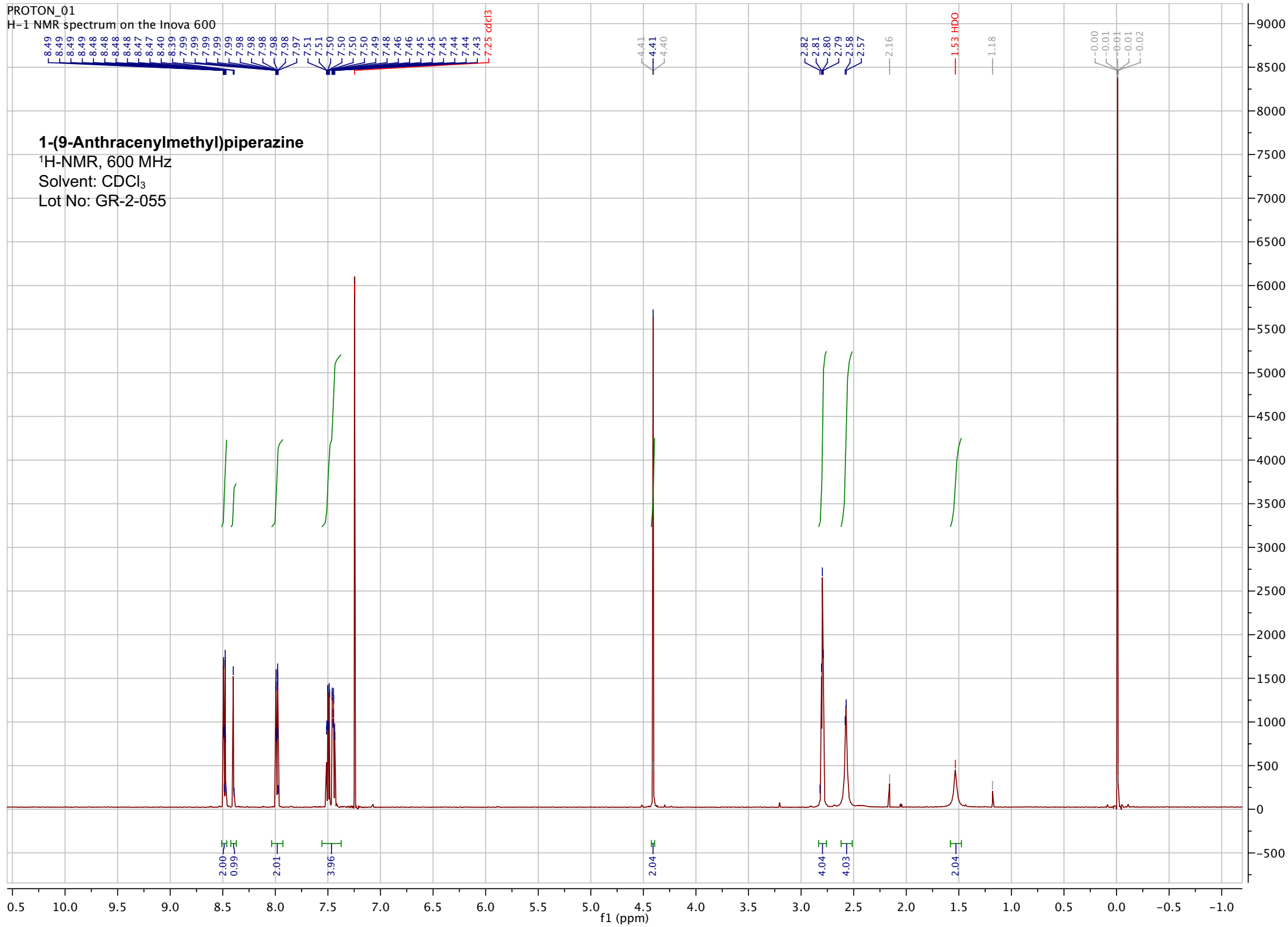
PROTON_01
H-1 NMR spectrum on the Inova 600

1-(9-Anthracenylmethyl)piperazine

¹H-NMR, 600 MHz

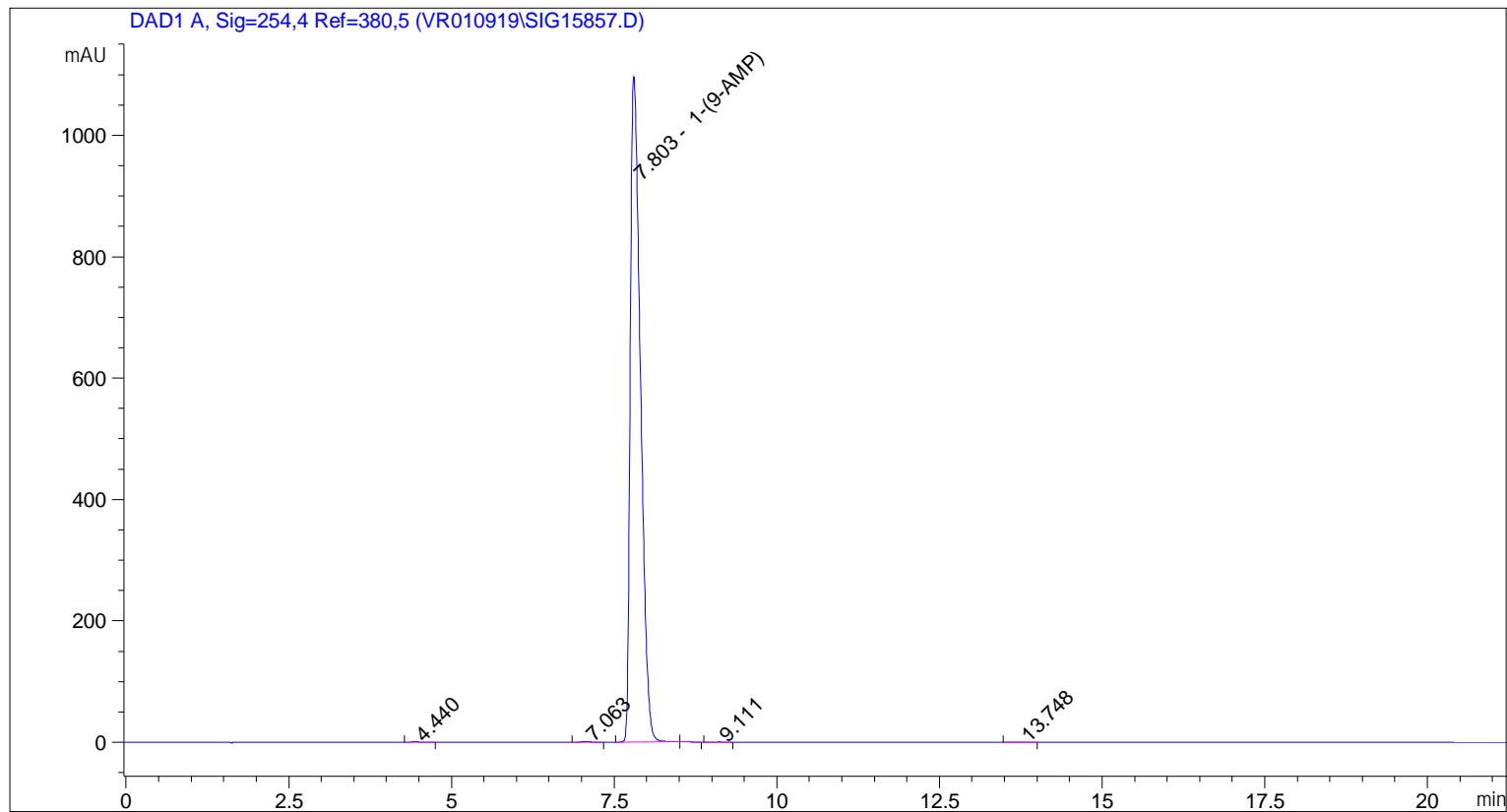
Solvent: CDCl₃

Lot No: GR-2-055



```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 48
Injection Date  : 9/19/2019 12:14:37 PM
                                           Inj Volume : 3.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR091919_055.M
Last changed    : 9/19/2019 12:13:33 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR091919_055PM.M
Last changed    : 9/19/2019 12:41:20 PM by vrusu
  
```



Area Percent Report

```

Sorted By           : Signal
Calib. Data Modified : 9/19/2019 12:41:02 PM
Multiplier:         : 1.0000
Dilution:           : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=254,4 Ref=380,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.440	BB	0.0977	8.63292	0.0718	?
2	7.063	BB	0.1312	12.71725	0.1057	?
3	7.803	BB	0.1717	1.19960e4	99.7144	1-(9-AMP)
4	8.604	BB	0.1041	1.57175	0.0131	?
5	9.111	BB	0.1379	3.79509	0.0315	?
6	13.748	BB	0.1922	7.64742	0.0636	?

Totals : 1.20304e4

=====

*** End of Report ***