

Name: Gliclazide-D4

Lot#: GR-12-035

Test Date: 07/20/2023 (re-test date: 07/20/2028)

CAS No.: 1185039-30-8

MF: C₁₅H₁₇D₄N₃O₃S

MW: 327.44

Appearance: Beige solid

Purity: 99.9% by HPLC; 99% atom D

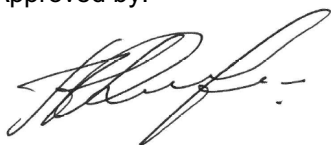
¹H-NMR: Conforms (shows a trace of DCM)

MS-ESI (-) Conforms (shows peak at m/z = 326.18 [M-H]⁻)

Storage Store at -18°C in a dry place away from direct sunlight

Approved by:

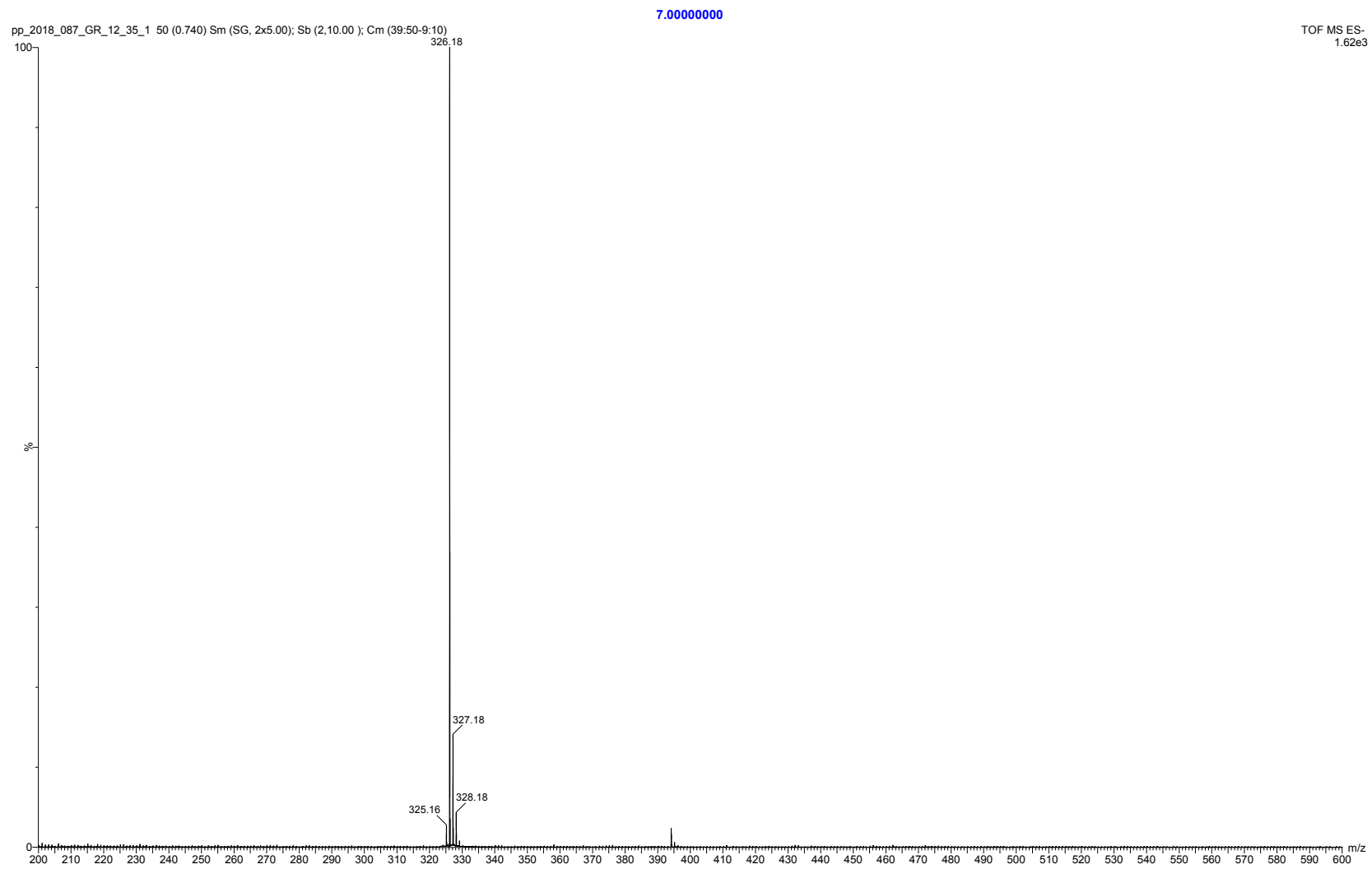
Date: 07/20/2023



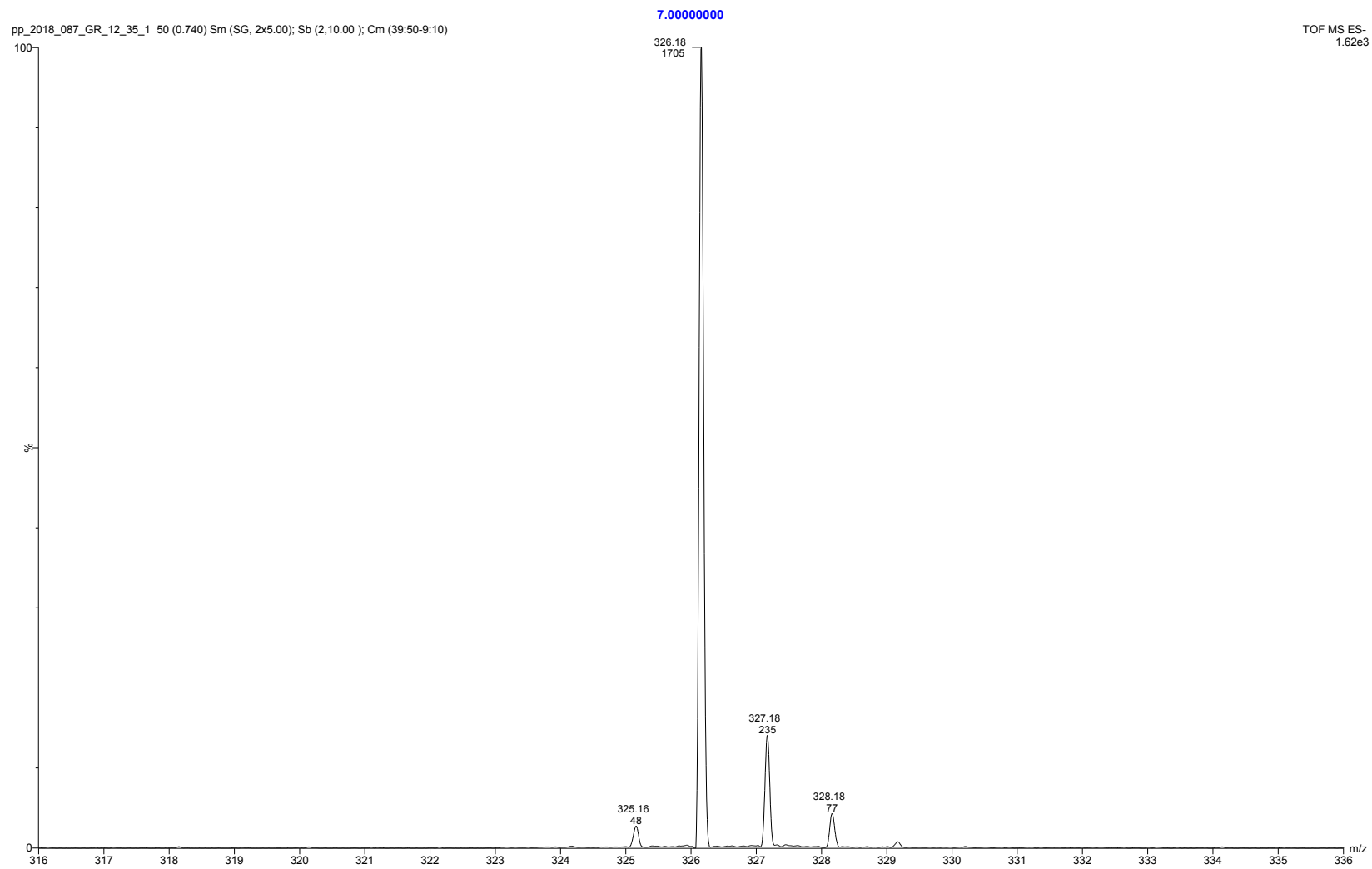
Viorica Rusu, QC/QA Manager

Gliclazide-D4
 1H-NMR, 600 MHz
 Solvent: CDCl3
 Lor No.: GR-12-035





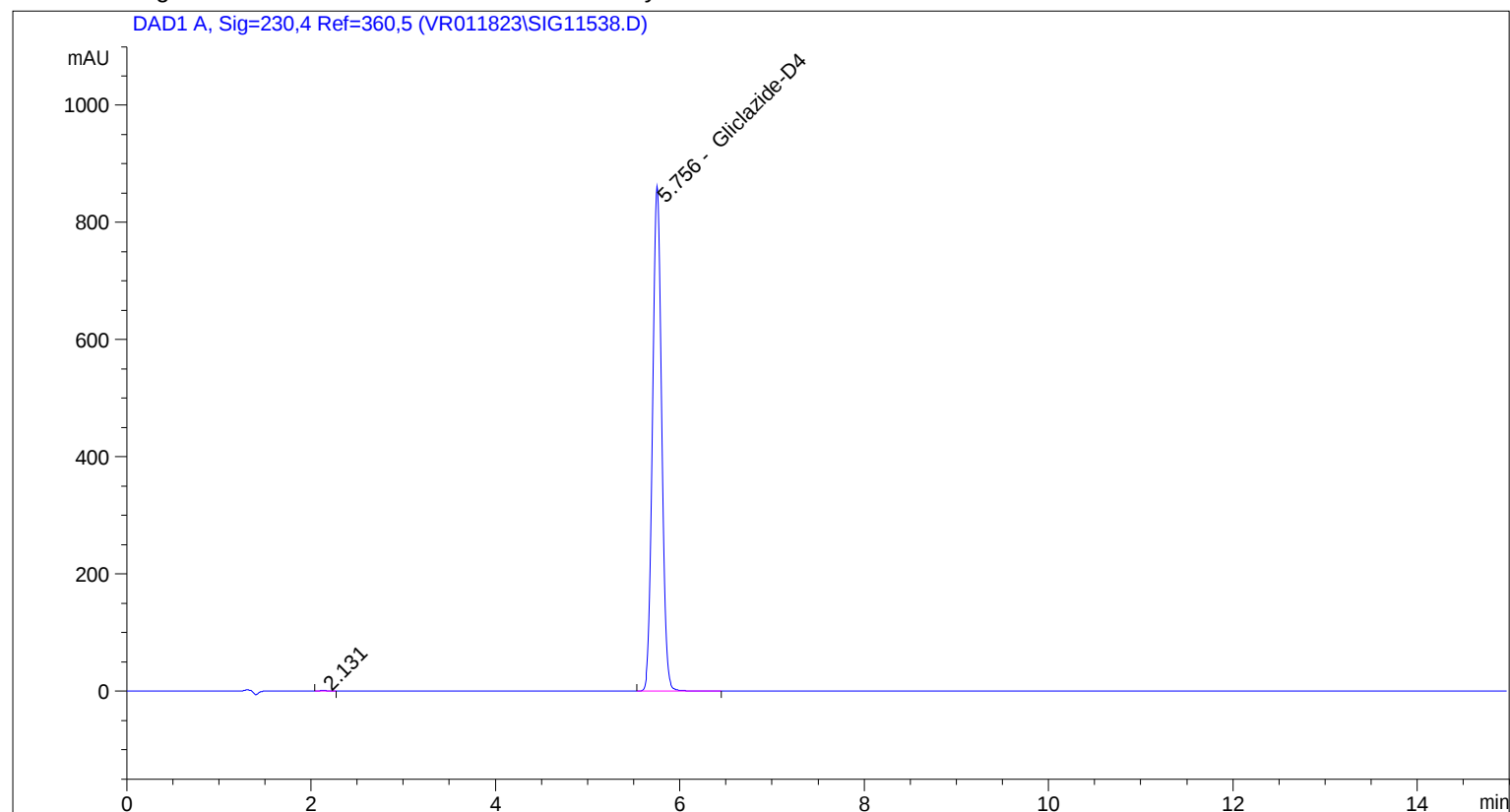
ESI-MS spectrum for sample GR-12-35. Shows monoisotopic [M-H]⁻ mass.



Expansion of above showing intensity labels.

Sample Name: GR-12-035

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 93
Injection Date  : 7/20/2023 2:10:48 PM
                                           Inj Volume : 3.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR072023_035.M
Last changed    : 7/20/2023 2:09:49 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR072023_035PM.M
Last changed     : 7/20/2023 2:52:37 PM by vrusu
=====
```



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=====
                        Area Percent Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      7/20/2023 2:52:10 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=230,4 Ref=360,5

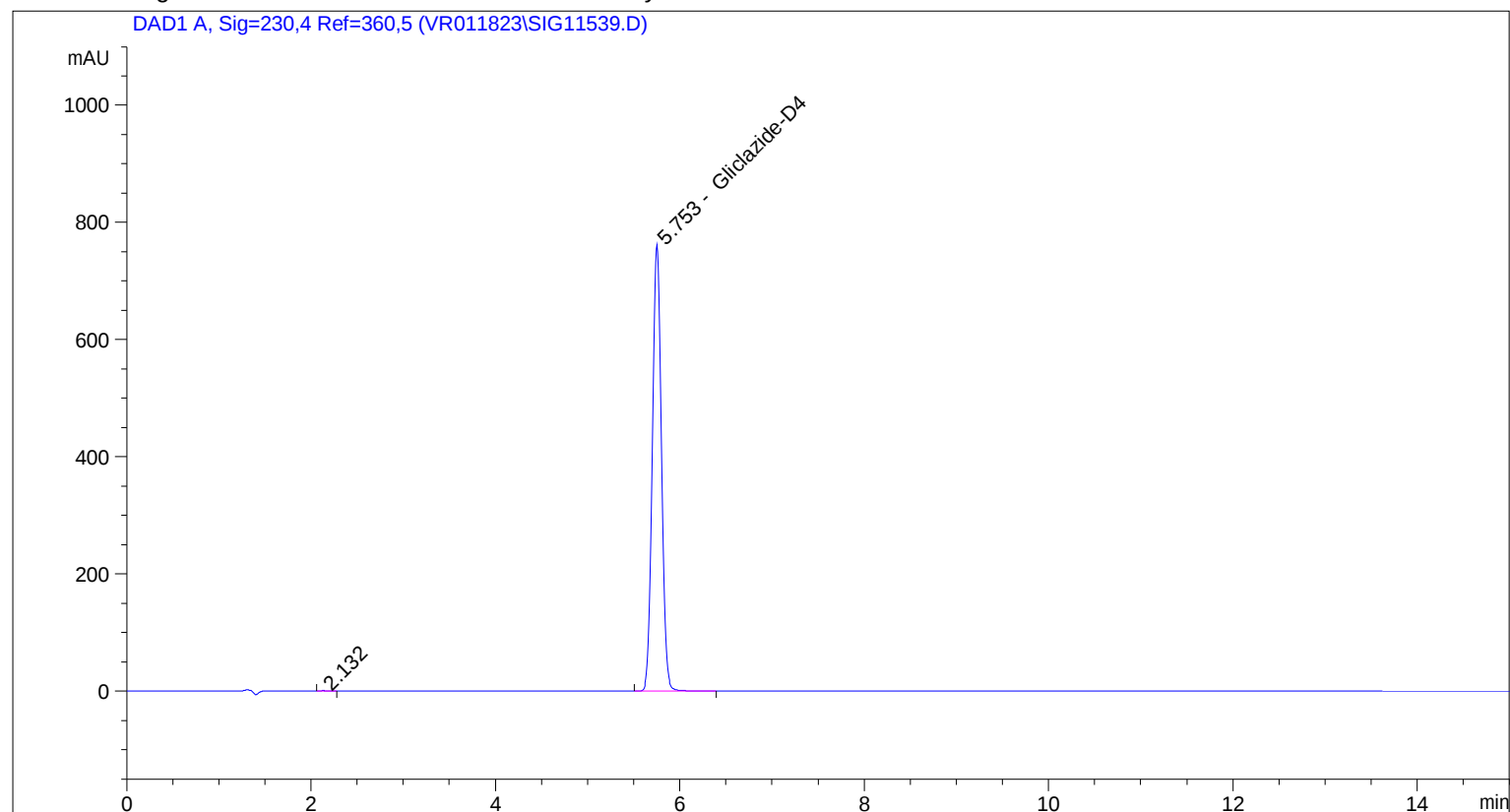
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.131	BV	0.0672	5.80475	0.0999	?
2	5.756	BB	0.1045	5804.32666	99.9001	Gliclazide-D4

Totals : 5810.13141

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=====
*** End of Report ***
```

Sample Name: GR-12-035 spl-2

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 94
Injection Date  : 7/20/2023 2:27:53 PM
                                           Inj Volume : 3.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR072023_035.M
Last changed    : 7/20/2023 2:26:52 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR072023_035PM.M
Last changed    : 7/20/2023 2:52:37 PM by vrusu
=====
```



```
=====
                        Area Percent Report
=====
```

```
Sorted By           :      Signal
Calib. Data Modified :      7/20/2023 2:52:10 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=230,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.132	BB	0.0682	2.98796	0.0583	?
2	5.753	BB	0.1044	5118.65625	99.9417	Gliclazide-D4

Totals : 5121.64421

```
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*** End of Report ***
```