

**Name:** Cis-4-amino-5-chloro-N-[1-[3-(4-fluorophenoxy)propyl]-3-hydroxy-4-piperidiny]-2-methoxybenzamide  
(CQ RC 8)

**Lot#:** GR-17-015

**Test Date:** 03/11/2022 (re-test date: 03/11/2027)

**CAS No.:** 104860-64-2

**MF:** C<sub>22</sub>H<sub>27</sub>ClFN<sub>3</sub>O<sub>4</sub>

**MW:** 451.92

**Appearance:** White solid

**Purity:** 98.8% by HPLC (average of two sample preparations)

**<sup>1</sup>H-NMR:** Conforms

**FTIR:** Attached

**MS-ESI (+)** Conforms (shows peak at m/z = 452.18 & 454.18 [M+H]<sup>+</sup>; exhibits the expected pattern for mono- chlorinated compounds)

**Storage** Long term store at 0 - 5° C in a dry place away from direct sunlight

Approved by:

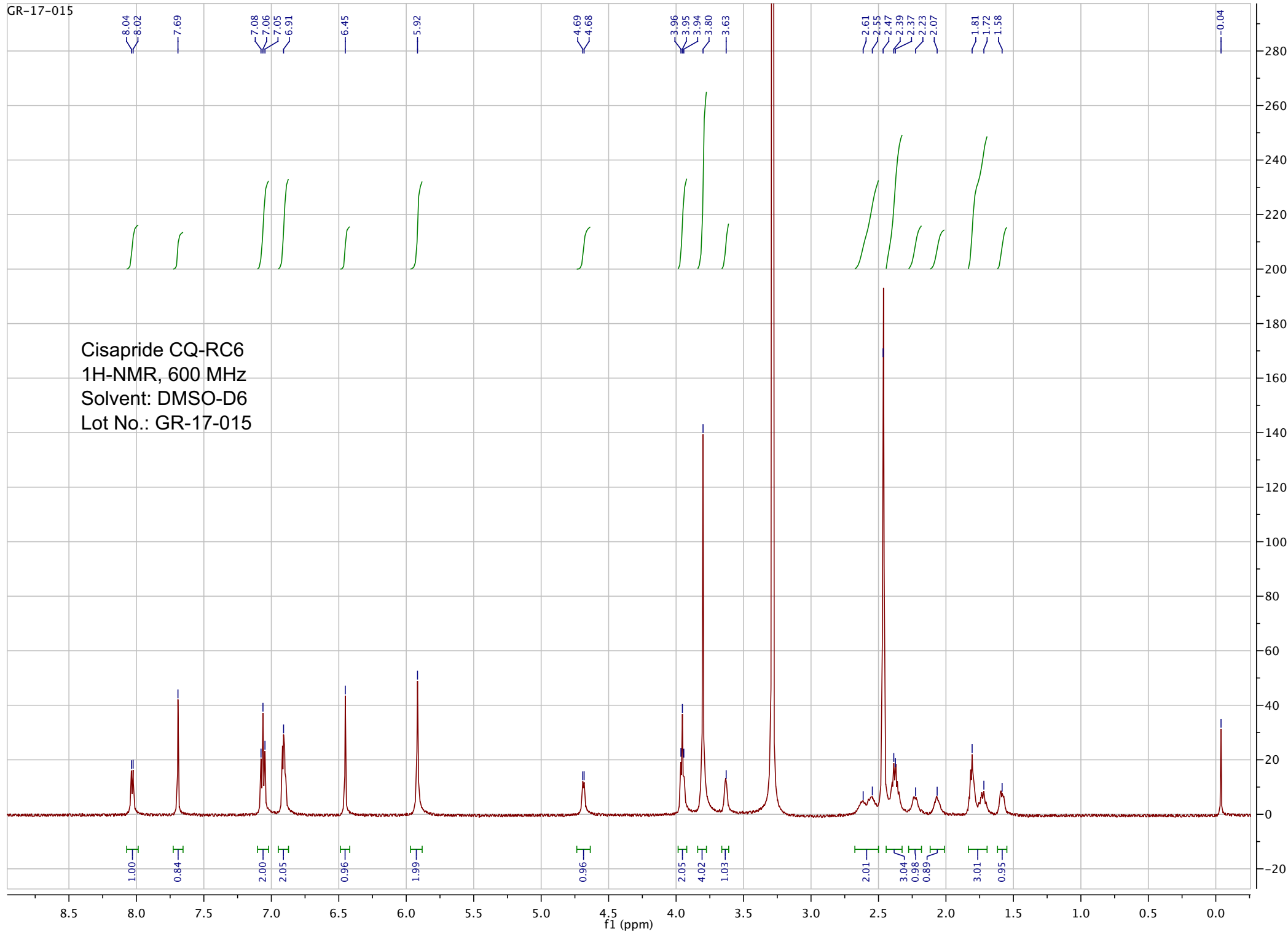
Date: 03/16/2022



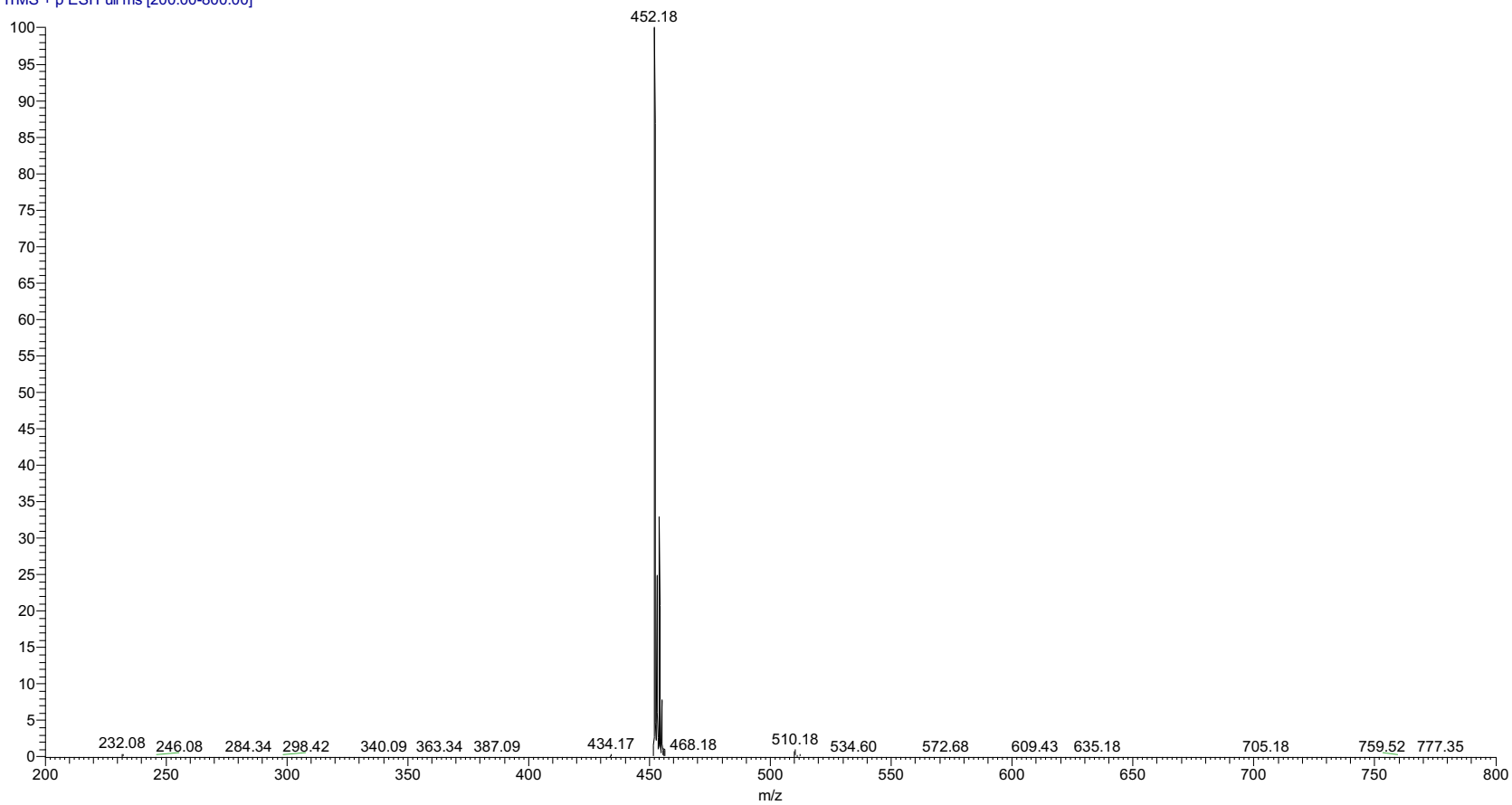
Viorica Rusu, QC/QA Manager

GR-17-015

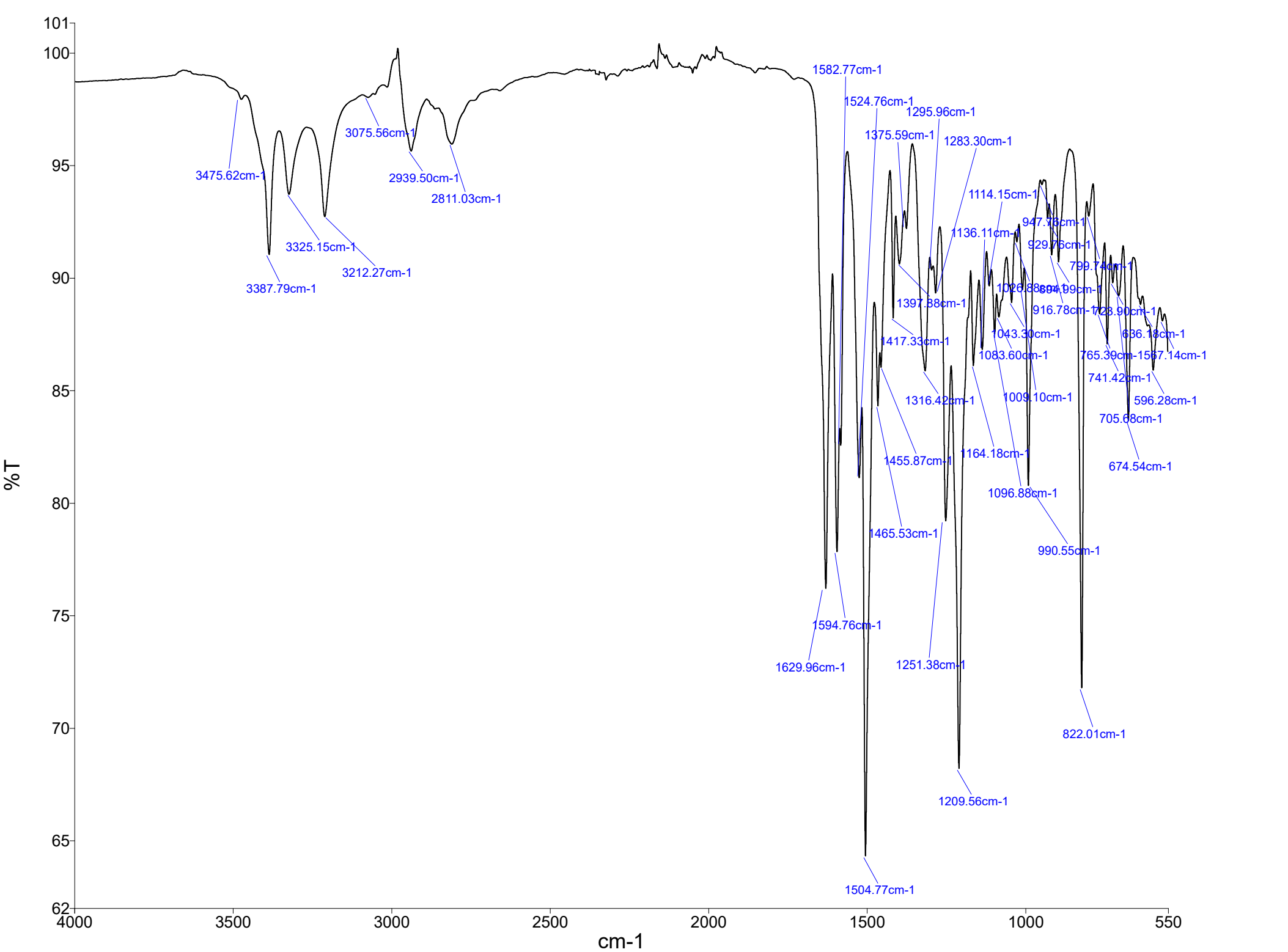
Cisapride CQ-RC6  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-17-015



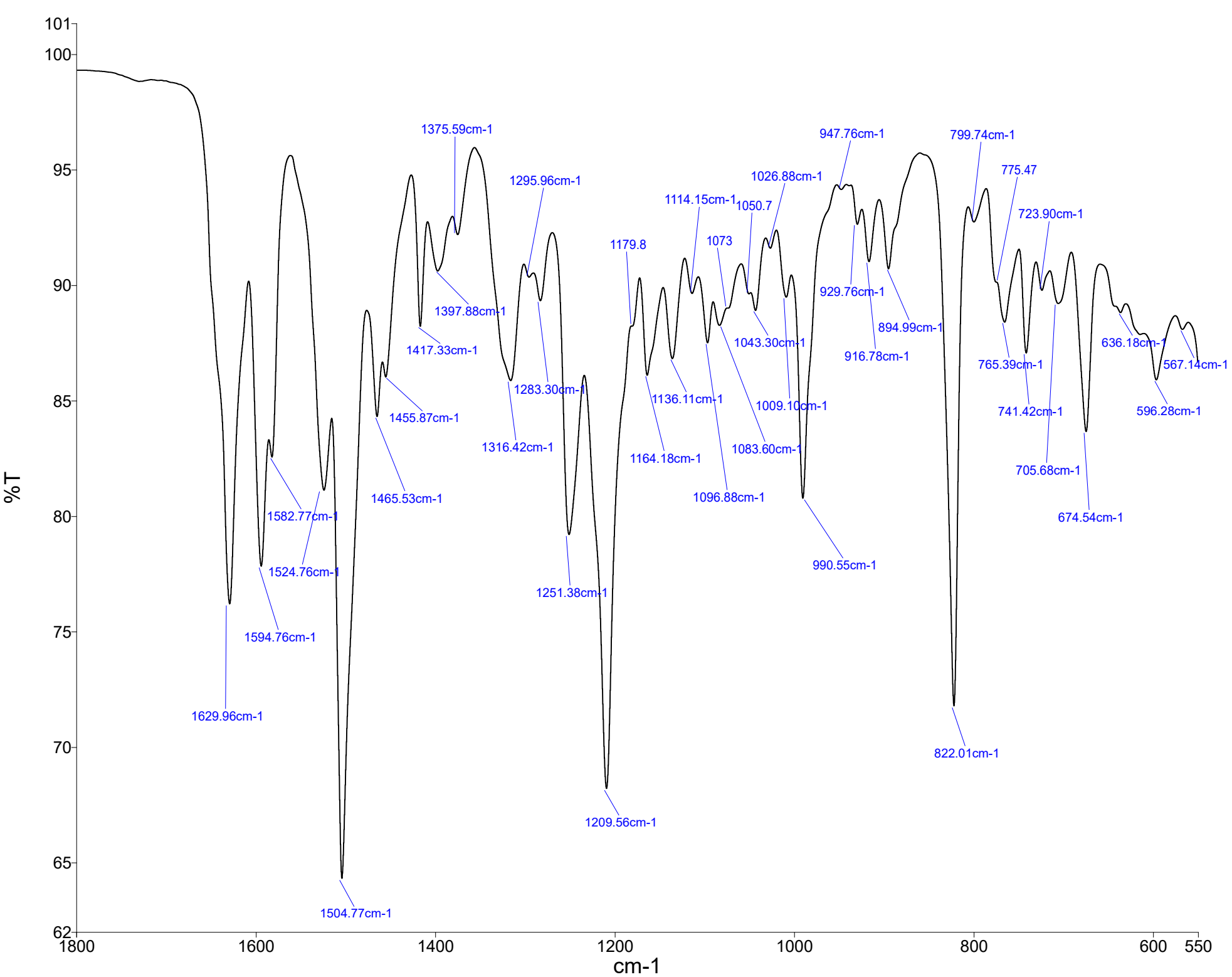
pp\_2022\_017\_GR\_17\_015\_2#1 RT: 0.00 AV: 1 NL: 8.57E7  
T: TMS + p ESI Full ms [200.00-800.00]



ESI-MS spectrum for sample GR-17-015. Shows monoisotopic  $[M+H]^+$  mass.

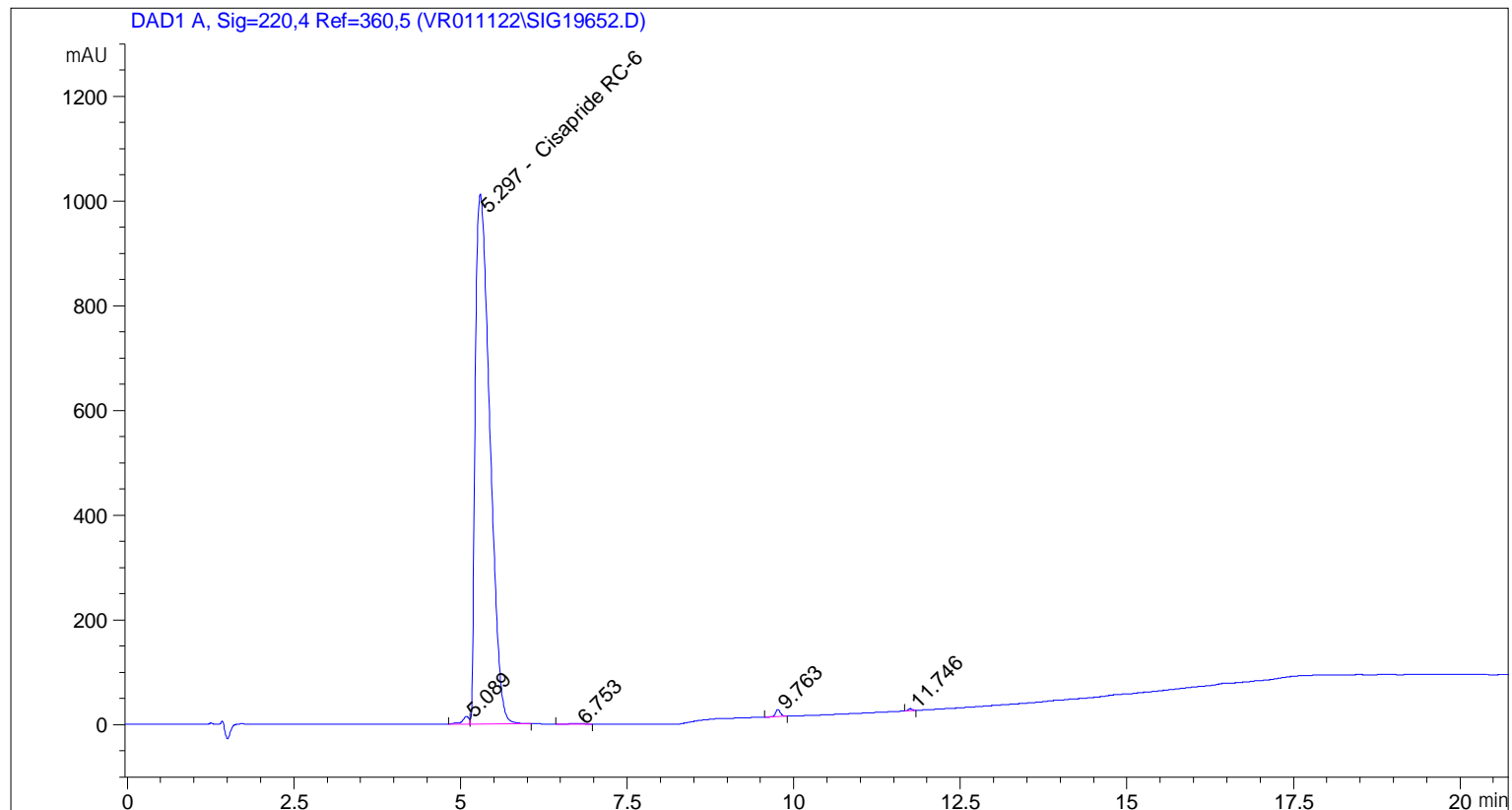


Name: GR-17-015  
 Description: Sample 021 By Analyst Date Monday, March 14 2022



Name: GR-17-015  
 Description: Sample 021 By Analyst Date Monday, March 14 2022

=====  
Acq. Operator : vrusu  
Acq. Instrument : Instrument 1 Location : Vial 49  
Injection Date : 3/11/2022 12:42:06 PM Inj Volume : 10.0 µl  
Acq. Method : C:\CHEM32\1\METHODS\VR031122\_015.M  
Last changed : 3/11/2022 12:41:20 PM by vrusu  
Analysis Method : C:\CHEM32\1\METHODS\VR031122\_015PM.M  
Last changed : 3/11/2022 1:53:20 PM by vrusu



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

Sorted By : Signal  
Calib. Data Modified : 3/11/2022 1:51:27 PM  
Multiplier: : 1.0000  
Dilution: : 1.0000  
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.089	BV	0.1089	102.80885	0.6582	?
2	5.297	VB	0.2417	1.54124e4	98.6804	Cisapride RC-6
3	6.753	BB	0.1814	18.96420	0.1214	?
4	9.763	BB	0.0799	69.18602	0.4430	?
5	11.746	BB	0.0633	15.14253	0.0970	?

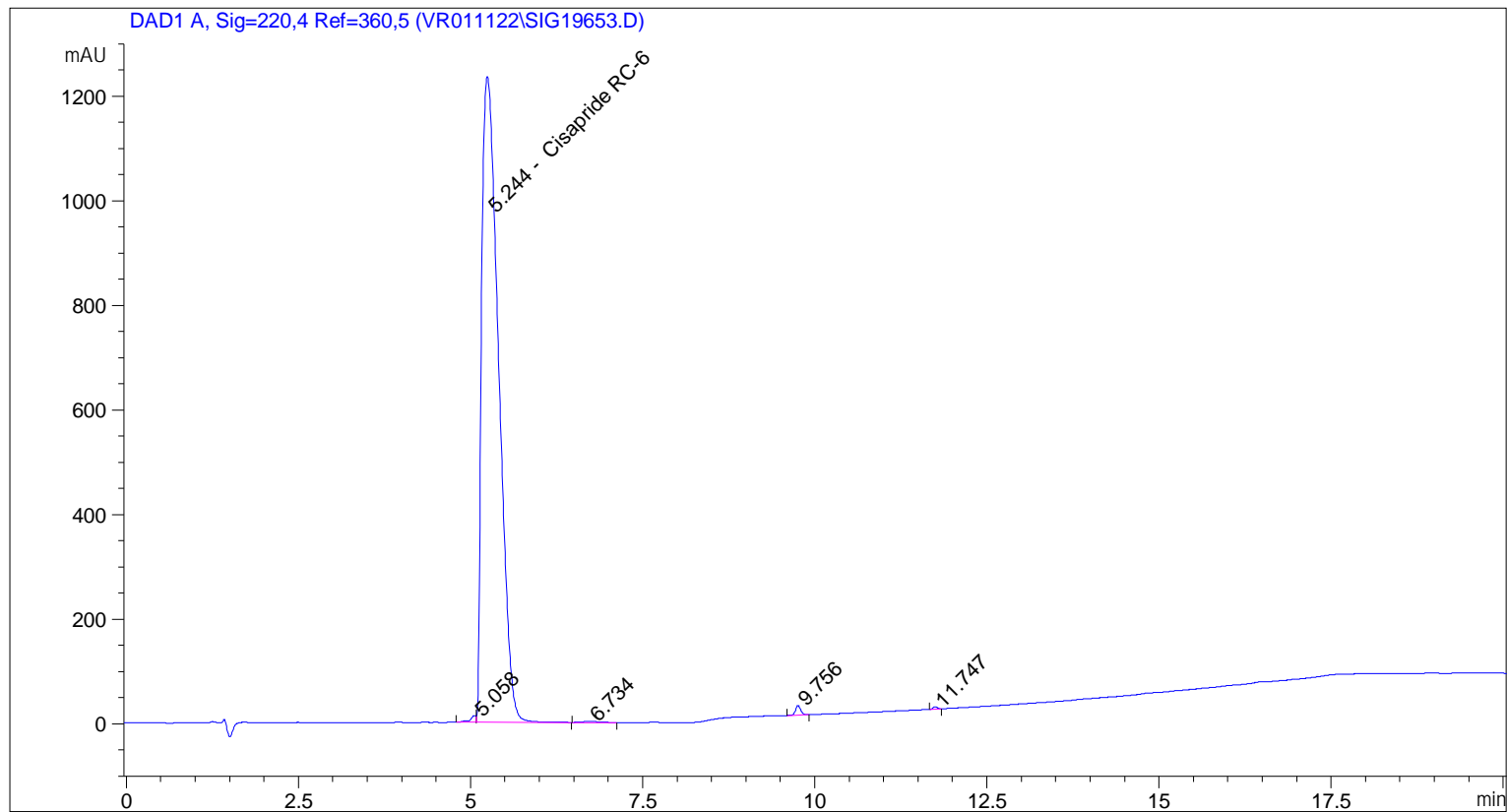
Totals : 1.56185e4

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\*\*\* End of Report \*\*\*

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 50
Injection Date  : 3/11/2022 1:07:07 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR031122_015.M
Last changed    : 3/11/2022 1:05:04 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031122_015PM.M
Last changed    : 3/11/2022 1:53:20 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      3/11/2022 1:51:27 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=220,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	5.058	BV	0.0872	77.46153	0.3636	?
2	5.244	VB	0.2712	2.10769e4	98.9312	Cisapride RC-6
3	6.734	BB	0.2061	34.32465	0.1611	?
4	9.756	BB	0.0810	96.67302	0.4538	?
5	11.747	BB	0.0638	19.25275	0.0904	?

Totals : 2.13046e4



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\*\*\* End of Report \*\*\*