

<b>Name:</b>	<b>5-O-Desmethyl Omeprazole</b>
<b>Lot#:</b>	GR-8-199
<b>Test Date:</b>	11/09/2021 (re-test date: 11/09/2026)
<b>CAS No.:</b>	103877-02-7
<b>MF:</b>	C <sub>16</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> S
<b>MW:</b>	315.39
<b>Appearance:</b>	Beige solid
<b>Purity:</b>	98.1% by HPLC (average of two sample preparations)
<b><sup>1</sup>H-NMR:</b>	Conforms
<b>MS-ESI (+)</b>	Conforms
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

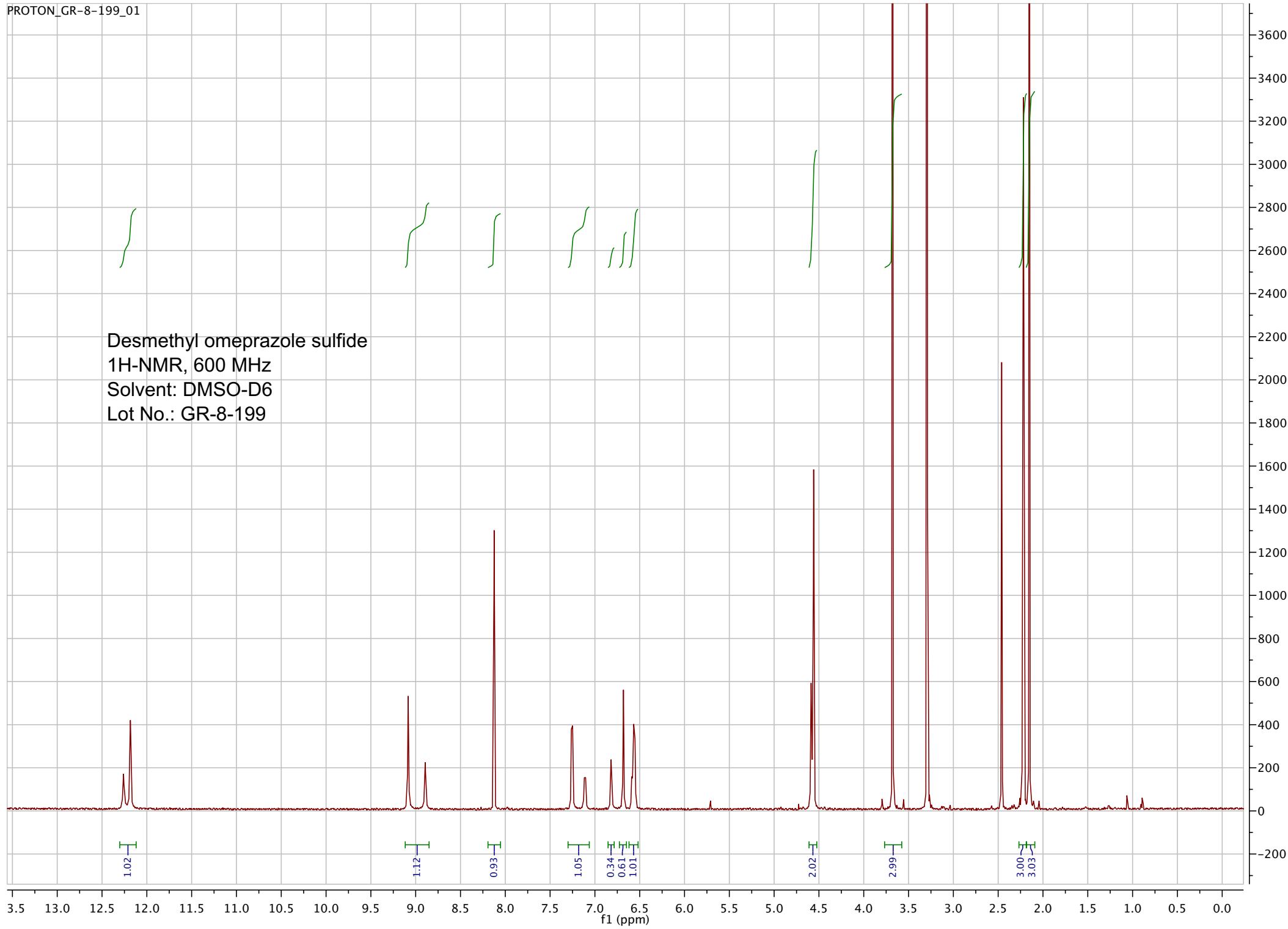
Approved by:

Date: 11/10/2021



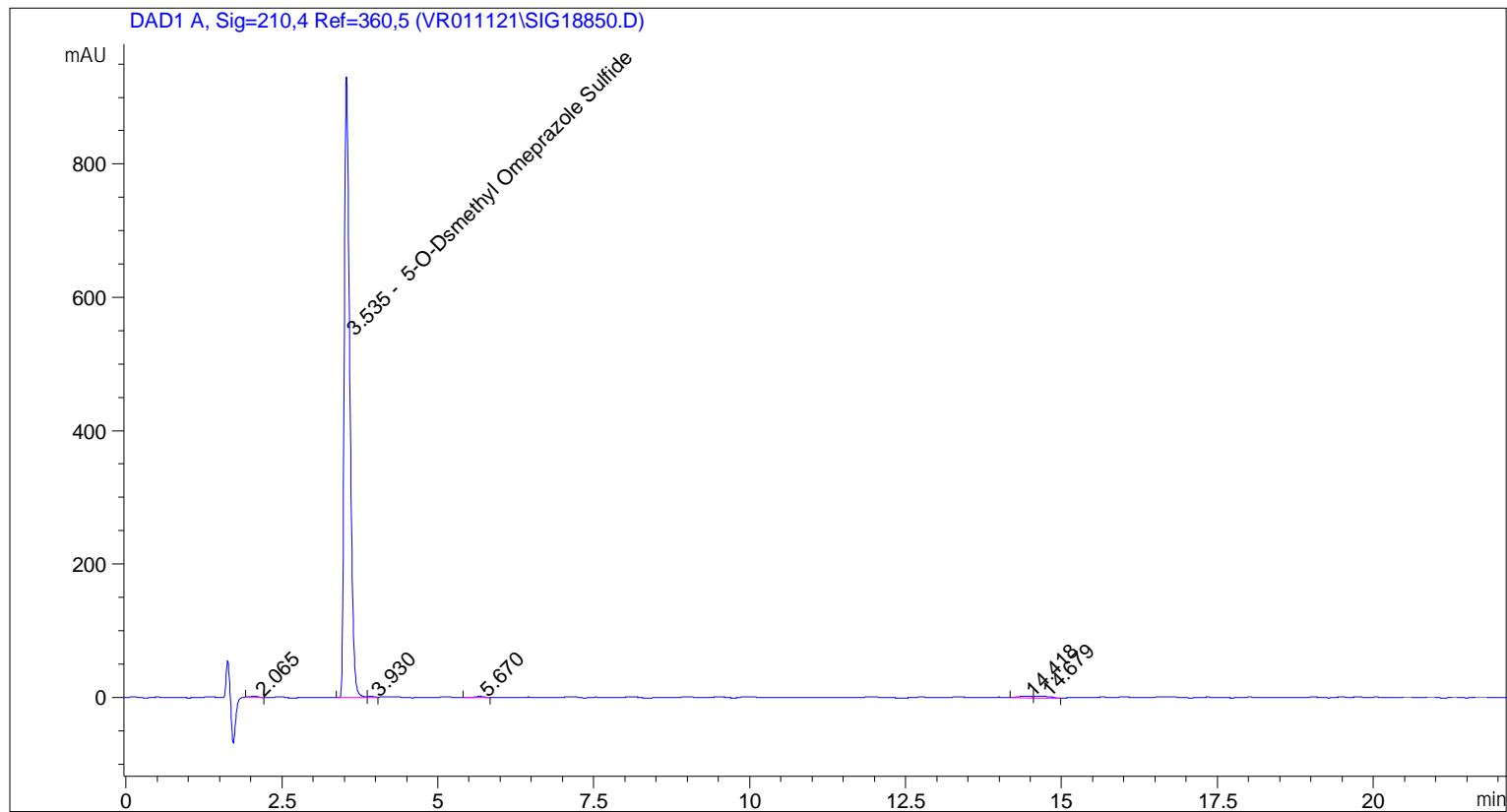
Viorica Rusu, QC/QA Manager

Desmethyl omeprazole sulfide  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-8-199



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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 85
Injection Date  : 11/9/2021 12:51:26 PM
                                           Inj Volume : 3.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR110921_199.M
Last changed    : 11/9/2021 12:50:24 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110921_199PM.M
Last changed    : 11/9/2021 3:37:22 PM by vrusu
  
```



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

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Sorted By       : Signal
Calib. Data Modified : 11/9/2021 3:36:48 PM
Multiplier:     : 1.0000
Dilution:       : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=210,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.065	BB	0.1136	13.37624	0.2292	?
2	3.535	BV	0.0936	5715.71045	97.9367	5-O-Dsmethyl Omeprazole Sulfide
3	3.930	VB	0.0892	10.37434	0.1778	?
4	5.670	BB	0.1467	18.44645	0.3161	?
5	14.418	BV	0.2156	34.29867	0.5877	?
6	14.679	VB	0.2164	43.91912	0.7525	?

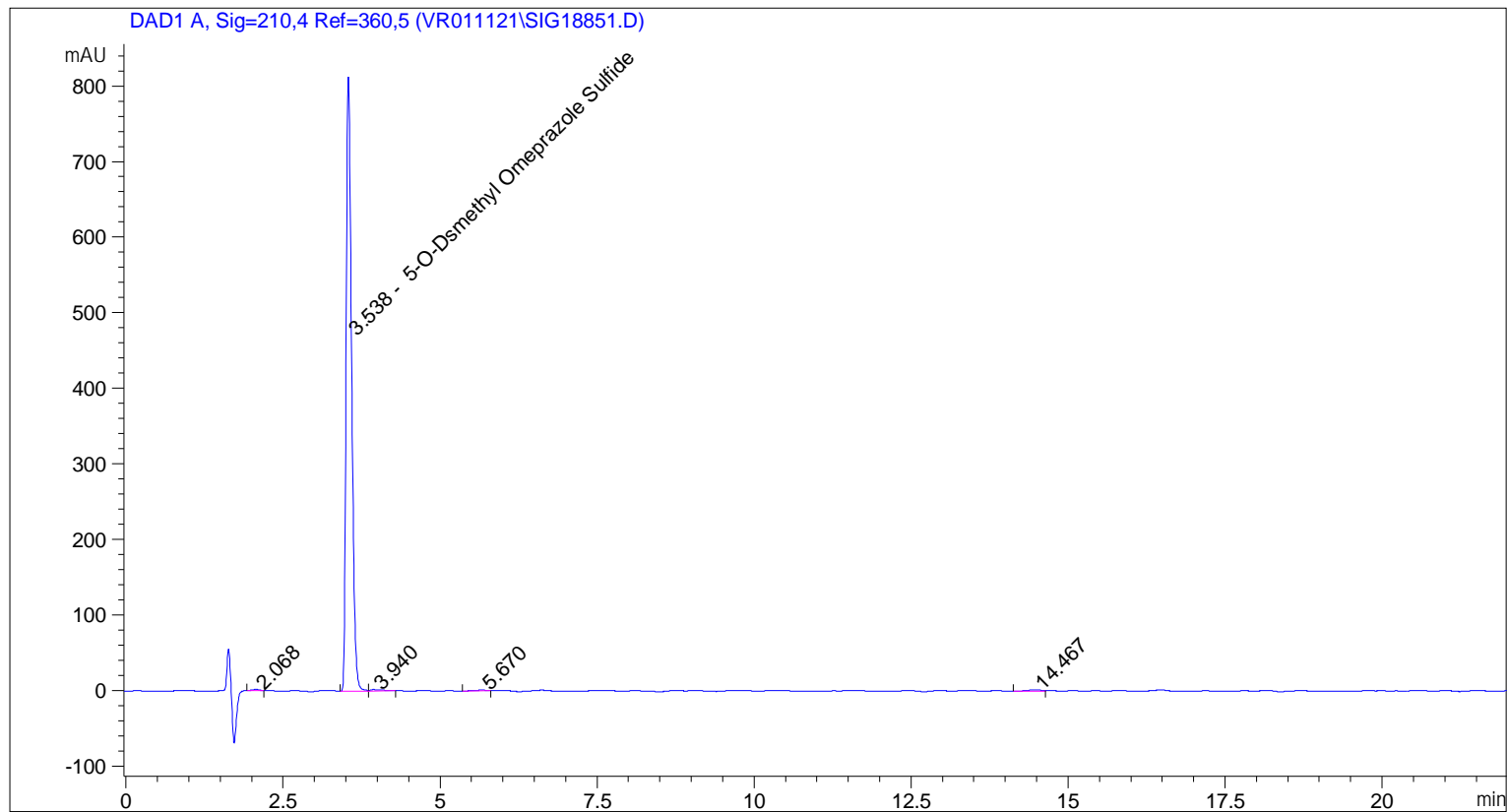
Totals : 5836.12526

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

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 86
Injection Date  : 11/9/2021 1:15:24 PM
                                           Inj Volume : 3.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR110921_199.M
Last changed    : 11/9/2021 1:14:21 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110921_199PM.M
Last changed    : 11/9/2021 3:37:22 PM by vrusu
  
```



Area Percent Report

```

Sorted By      : Signal
Calib. Data Modified : 11/9/2021 3:36:48 PM
Multiplier:    : 1.0000
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=210,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.068	BB	0.1079	10.65769	0.2116	?
2	3.538	BV	0.0928	4953.27637	98.3494	5-O-Dsmethyl Omeprazole Sulfide
3	3.940	VB	0.1585	22.96515	0.4560	?
4	5.670	BB	0.1725	15.68830	0.3115	?
5	14.467	BV	0.2363	33.82134	0.6715	?

Totals : 5036.40884

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