

Name:	Mesalazine-D3 (5-Amino-2-hydroxybenzoic Acid-d3; 5-Aminosalicylic Acid-d3; 5-Aminosalicylic Acid-d3; Mesalamine-d3)
Lot#:	GR-7-067
Test Date:	11/05/2020 (re-test date: 11/05/2025)
CAS No.:	1309283-32-6
MF:	C ₇ H ₄ D ₃ NO ₃
MW:	156.15
Appearance:	Beige solid
Purity:	99.4% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 157.05 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

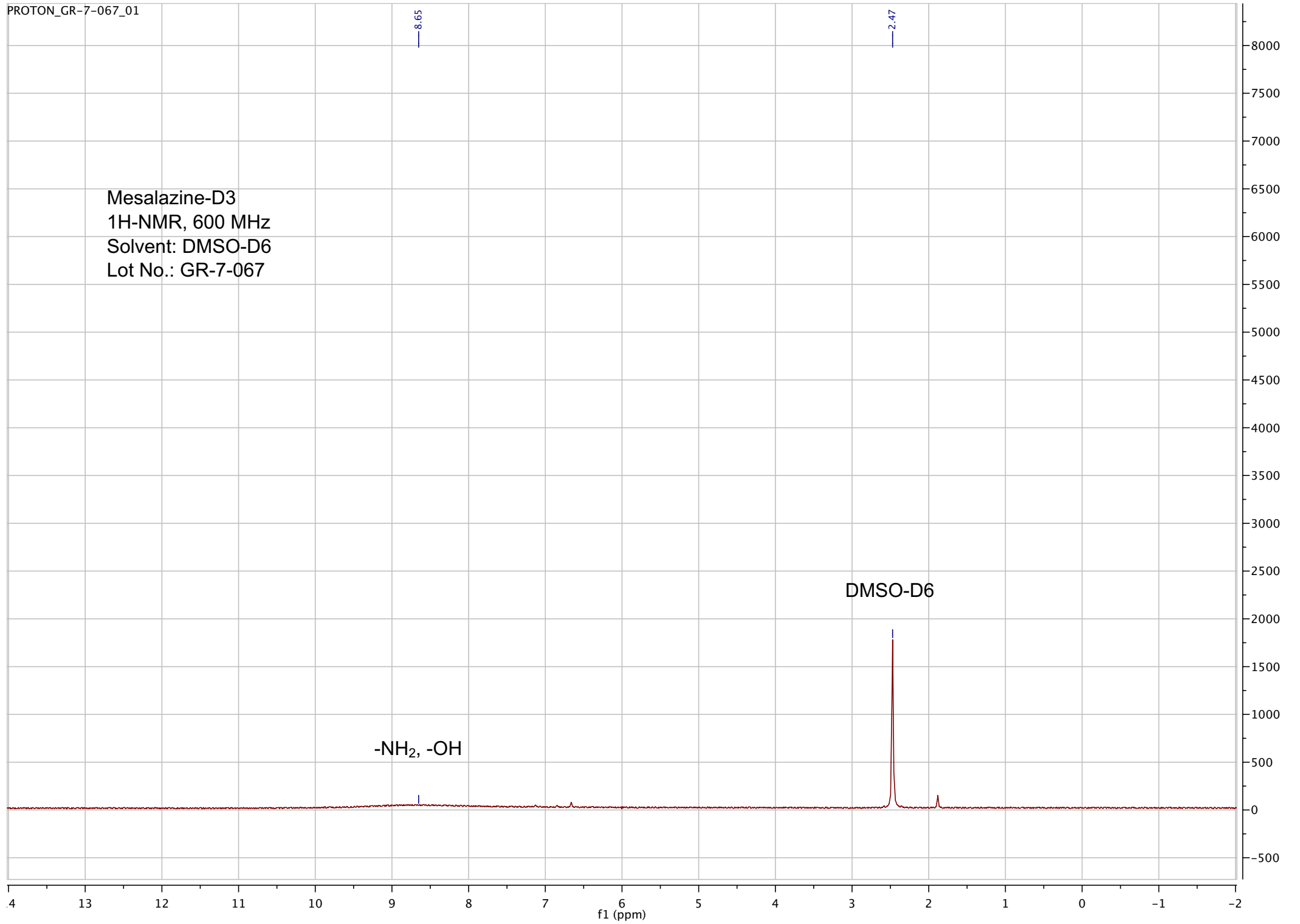
Approved by:

Date: 11/05/2020



Viorica Rusu, QC/QA Manager

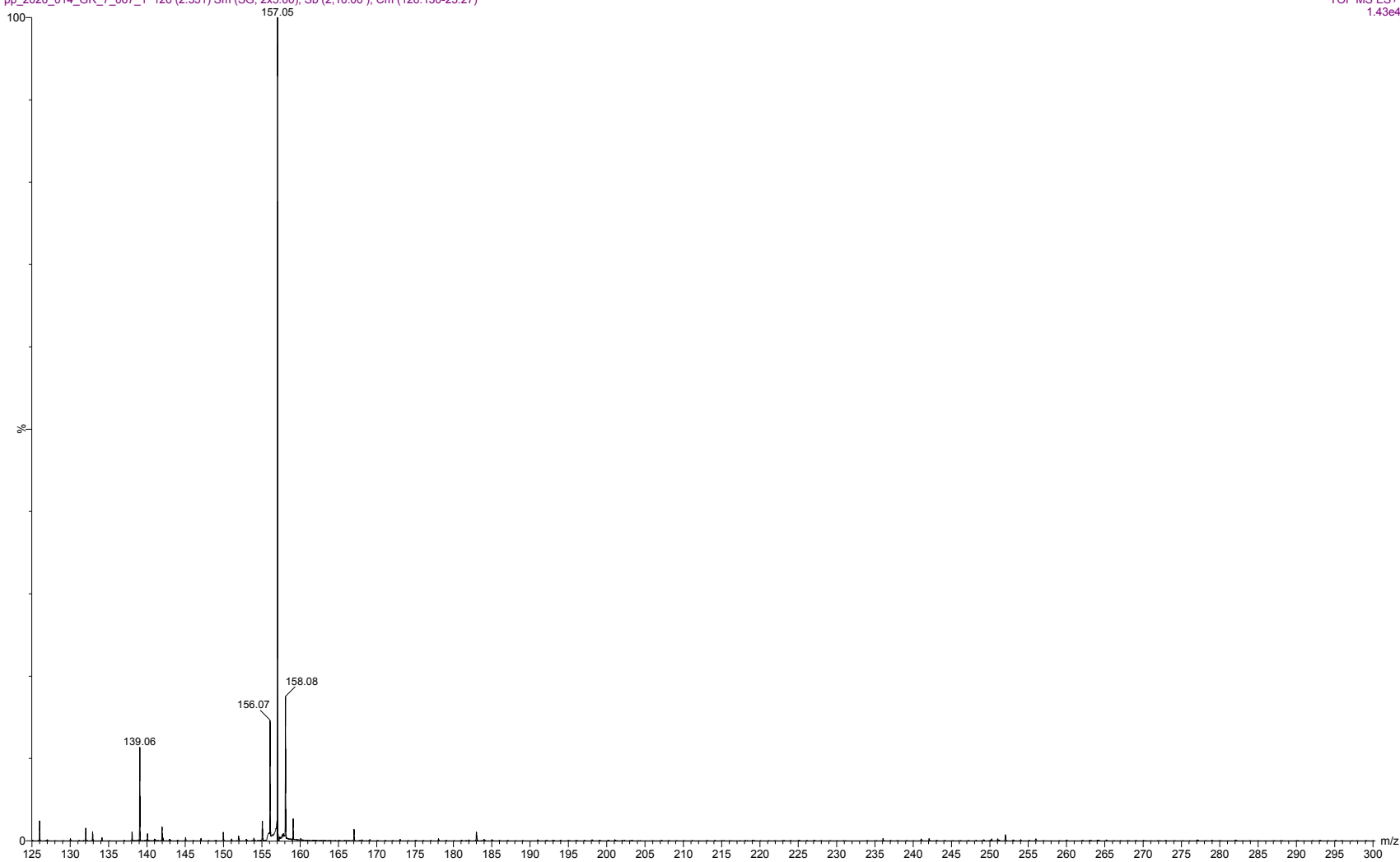
Mesalazine-D3
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-7-067



pp_2020_014_GR_7_067_1 126 (2.331) Sm (SG, 2x5.00); Sb (2,10.00); Cm (126:130-23:27)

7.0000000

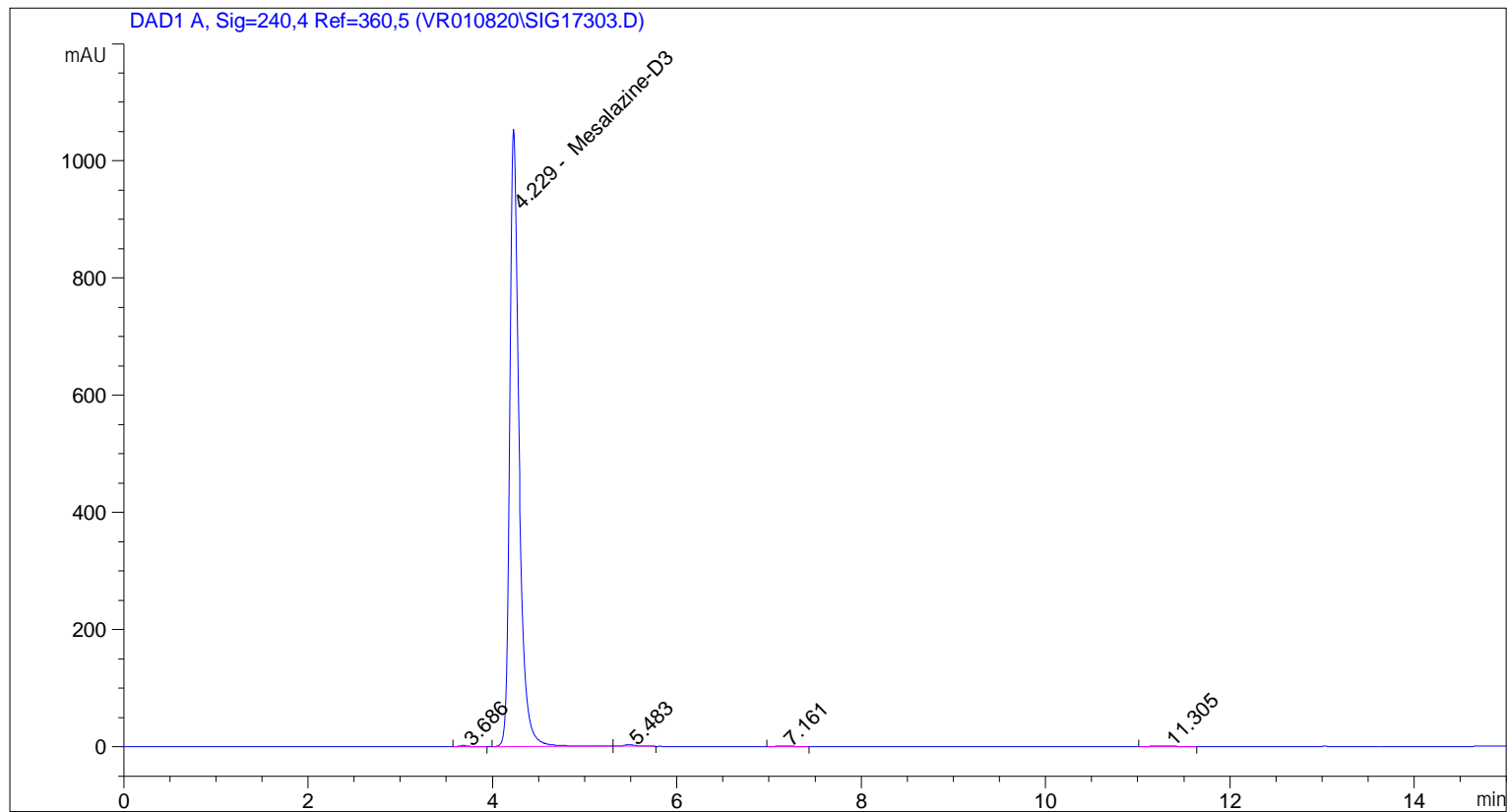
TOF MS ES+
1.43e4



ESI-MS spectra for sample GR-7-067. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 16
Injection Date  : 11/5/2020 12:39:05 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR110520_067.M
Last changed    : 11/5/2020 12:38:06 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR110520_067PM.M
Last changed    : 11/5/2020 1:34:37 PM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      11/5/2020 1:34:06 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.686	BB	0.0853	8.69137	0.1160	?
2	4.229	BB	0.1044	7443.77148	99.3835	Mesalazine-D3
3	5.483	BB	0.1175	24.00274	0.3205	?
4	7.161	BB	0.1431	5.83363	0.0779	?
5	11.305	BB	0.1786	7.65095	0.1021	?

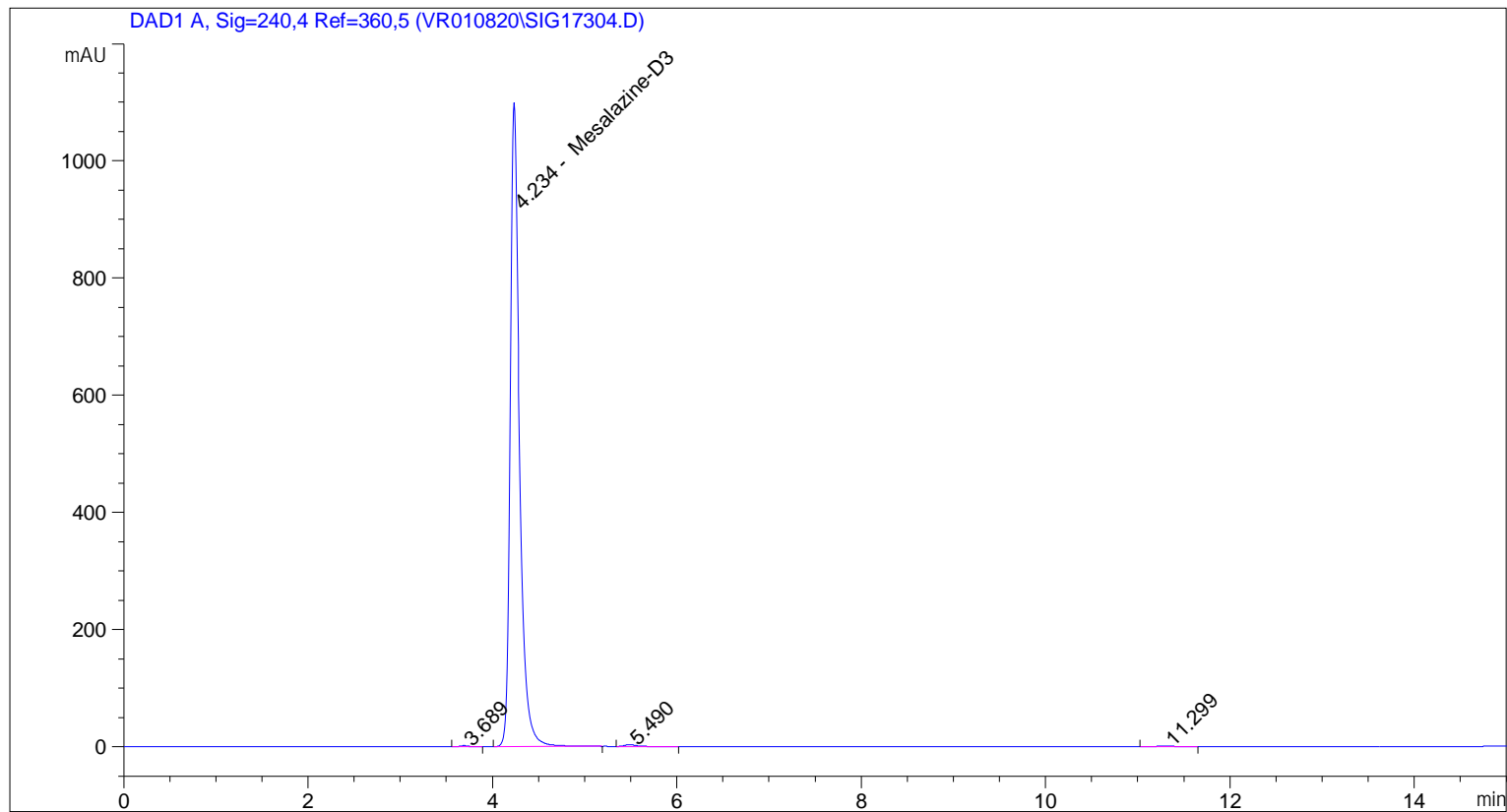
Totals : 7489.95017

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 17
Injection Date  : 11/5/2020 1:16:43 PM
                                           Inj Volume : 5.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR110520_067.M
Last changed   : 11/5/2020 1:15:40 PM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR110520_067PM.M
Last changed   : 11/5/2020 1:34:37 PM by vrusu
  
```



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 Area Percent Report
 =====

```

Sorted By           :      Signal
Calib. Data Modified :      11/5/2020 1:34:06 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.689	BB	0.0811	8.91962	0.1145	?
2	4.234	BB	0.1042	7742.99268	99.4276	Mesalazine-D3
3	5.490	BB	0.1233	27.74515	0.3563	?
4	11.299	BB	0.1807	7.90987	0.1016	?

Totals : 7787.56732

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*** End of Report ***