

Name: Flunisolide-D6

Lot#: GR-15-015

Test Date: 05/15/2025 (re-test date: 05/15/2030)

CAS No.: 3585-03-3 (unlabelled)

MF: C₂₄H₂₅D₆FO₆

MW: 440.53

Appearance: White Solid

Purity: 99.3% by HPLC (average of two sample preparations); 99% atom D

¹H-NMR: Conforms (contains 1.9% MeOH)

MS-ESI (+) Conforms (shows peak at m/z = 441.25 [M+H]⁺)

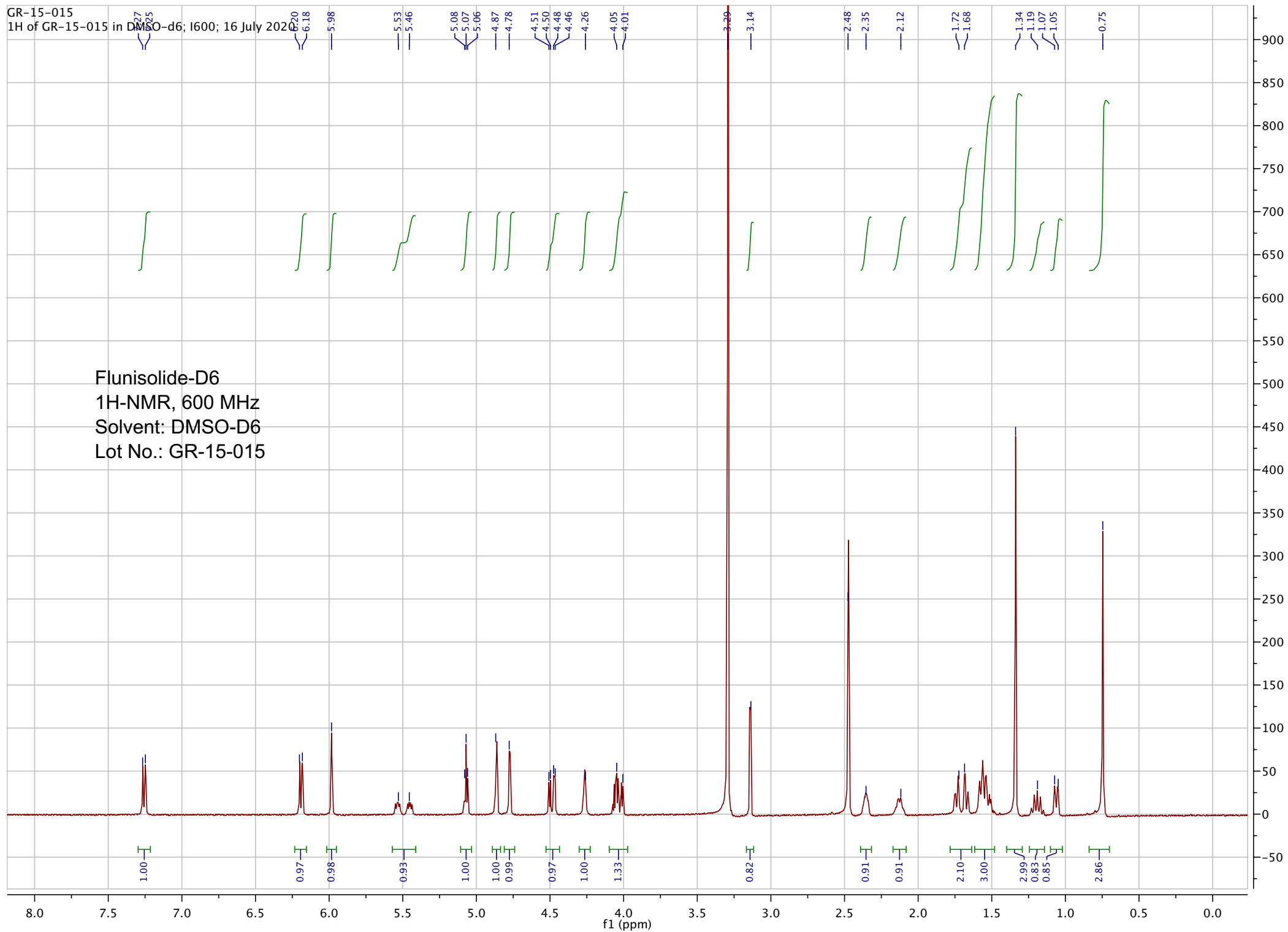
Storage Store at -18°C in a dry place away from direct sunlight

Approved by:

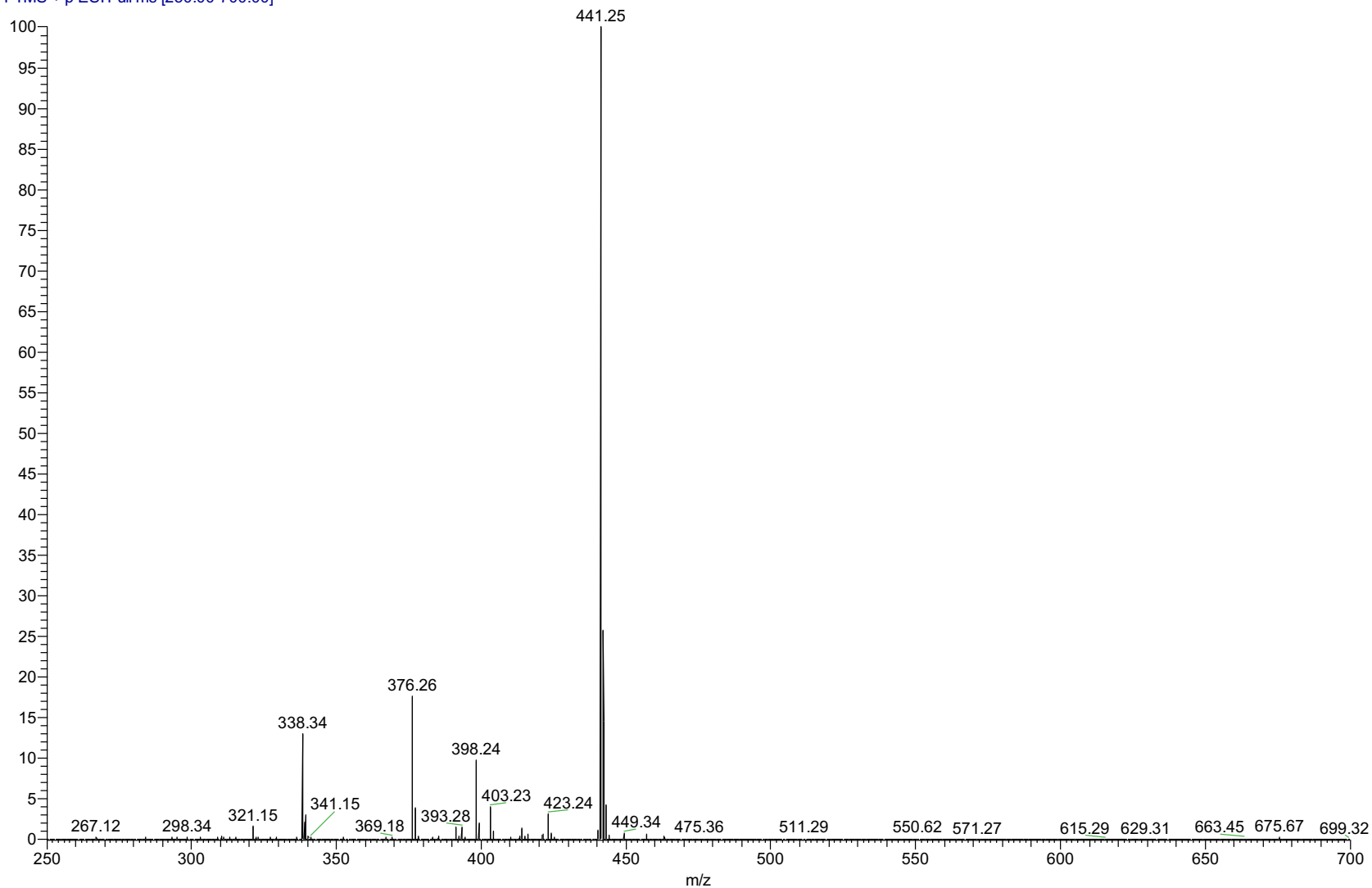
Date: 05/15/2025

Viorica Rusu, QC/QA Manager

GR-15-015
1H of GR-15-015 in DMSO-d6; l600; 16 July 2020

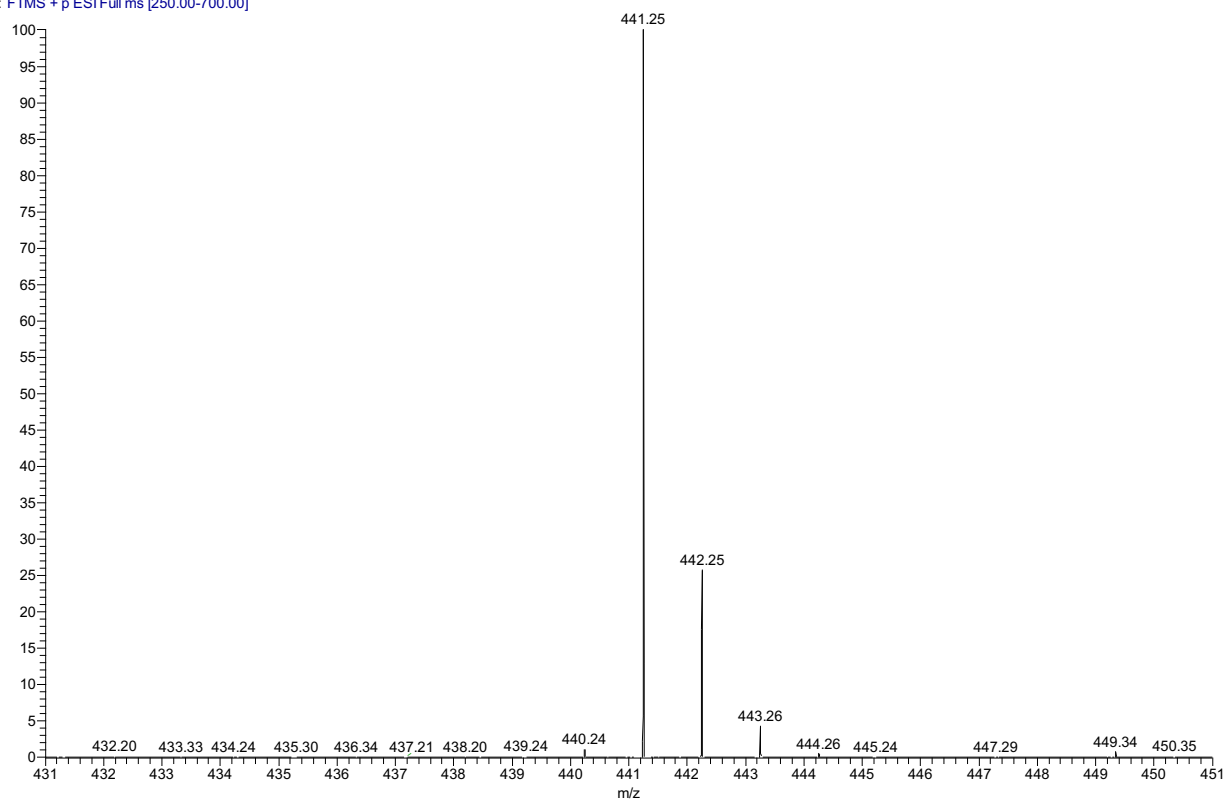


pp_2020_014_GR15015_004 #333 RT: 1.33 AV: 1 NL: 7.08E7
T: FTMS + p ESI Full ms [250.00-700.00]



ESI-MS spectrum for sample GR-15-015. Shows monoisotopic $[M+H]^+$ mass.

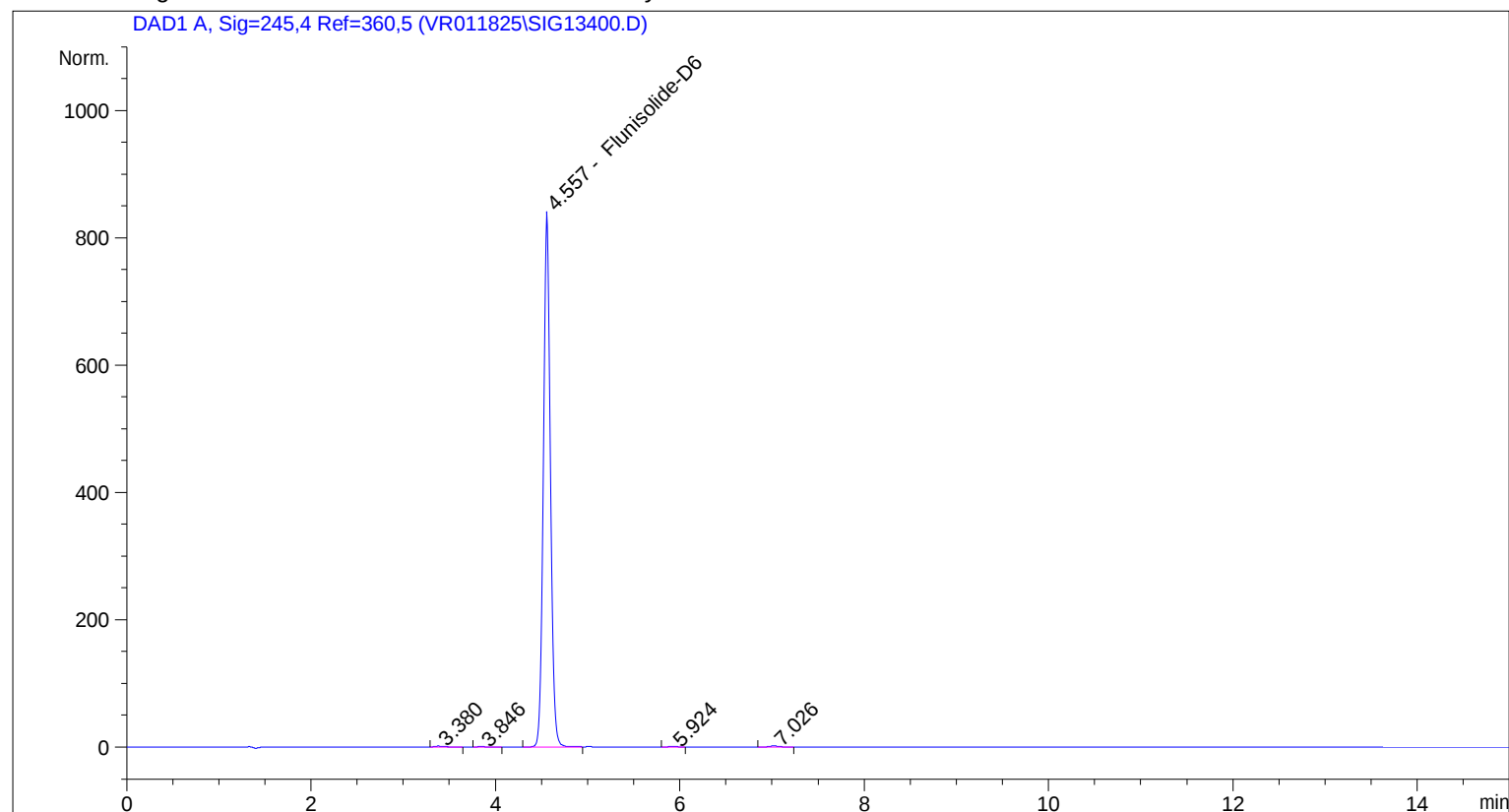
pp_2020_014_GR15015_004 #333 RT: 1.33 AV: 1 NL: 7.08E7
T: FTMS + p ESI Full ms [250.00-700.00]



Expansion of above.

Sample Name: GR-15-015 spl-2

```
=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 16
Injection Date  : 5/15/2025 2:58:50 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR051525_015.M
Last changed    : 5/15/2025 2:57:49 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051525_015PM.M
Last changed    : 5/15/2025 3:34:30 PM by vrusu
=====
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                        Area Percent Report
=====
```

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Sorted By           :      Signal
Calib. Data Modified :      5/15/2025 3:34:11 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.380	VB	0.1124	11.09717	0.2371	?
2	3.846	BB	0.0829	4.00877	0.0857	?
3	4.557	BB	0.0844	4645.81201	99.2632	Flunisolide-D6
4	5.924	BB	0.0972	5.64194	0.1205	?
5	7.026	VB	0.1254	13.73567	0.2935	?

Totals : 4680.29555

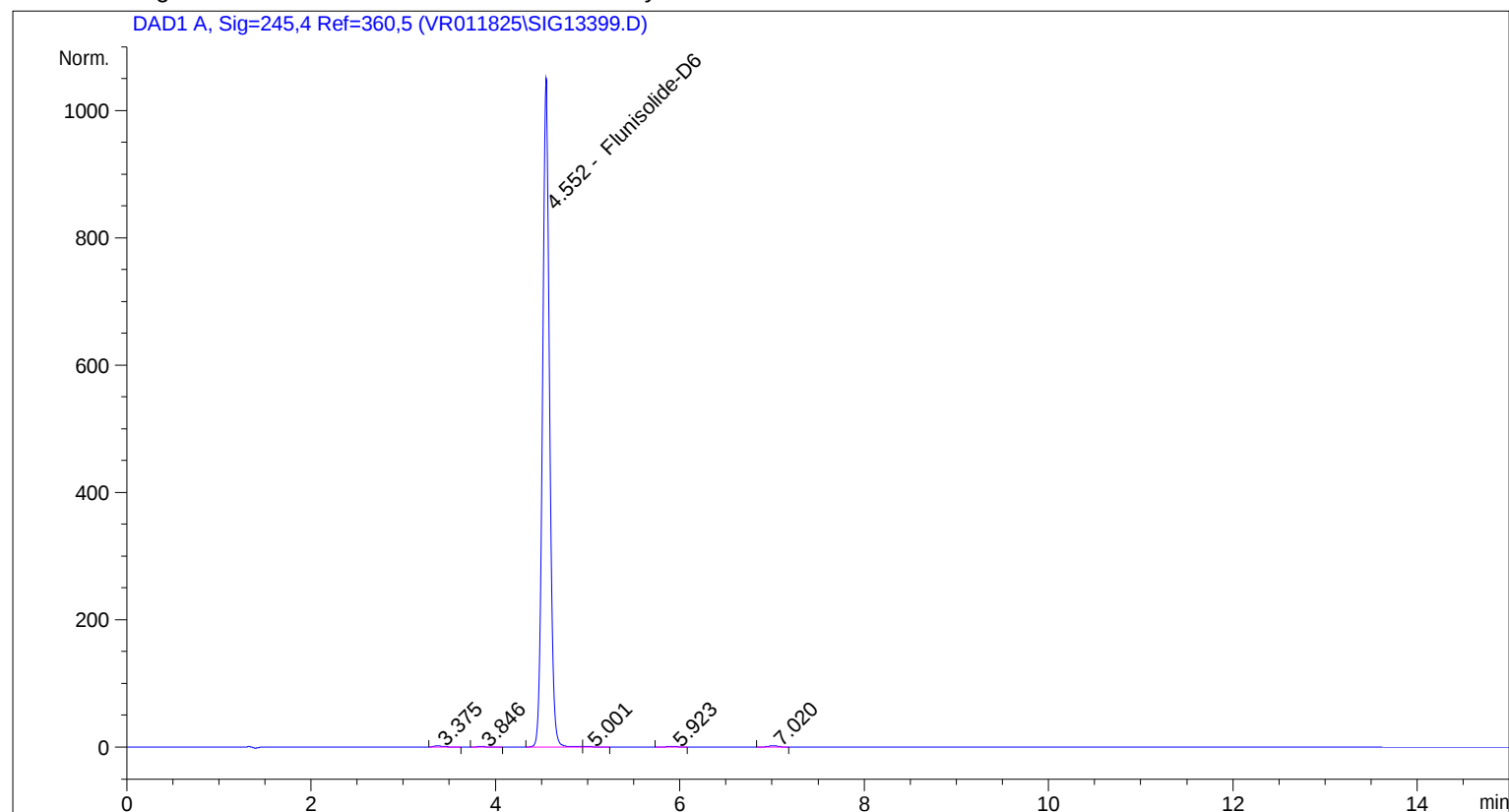
Sample Name: GR-15-015 spl-2

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*** End of Report ***

Sample Name: GR-15-015

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 15
Injection Date  : 5/15/2025 2:39:56 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR051525_015.M
Last changed    : 5/15/2025 2:38:53 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR051525_015PM.M
Last changed    : 5/15/2025 3:34:30 PM by vrusu
=====
```



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

```
Sorted By           :      Signal
Calib. Data Modified :      5/15/2025 3:34:11 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
```

Signal 1: DAD1 A, Sig=245,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.375	BB	0.1097	12.74662	0.2173	?
2	3.846	BB	0.0913	3.65267	0.0623	?
3	4.552	BV	0.0845	5823.11377	99.2525	Flunisolide-D6
4	5.001	VB	0.0953	3.73284	0.0636	?
5	5.923	BB	0.1088	7.90596	0.1348	?
6	7.020	BB	0.1192	15.81945	0.2696	?

Totals : 5866.97131

Sample Name: GR-15-015

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*** End of Report ***