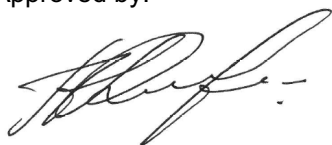


**Name:** 9(11)-Dehydro Flunisolide Acetate  
**Lot#:** GR-14-285  
**Test Date:** 06/03/2020 (re-test date: 06/03/2025)  
**CAS No.:** 5049-89-8  
**MF:** C<sub>26</sub>H<sub>31</sub>FO<sub>6</sub>  
**MW:** 458.52  
**Appearance:** White Solid  
**Purity:** 98.9% by HPLC  
**<sup>1</sup>H-NMR:** Conforms  
**MS-ESI (+)** Conforms (shows peak at m/z = 459.22 [M+H]<sup>+</sup>)  
**Storage** Store at 0-8°C in a dry place away from direct sunlight

Approved by:

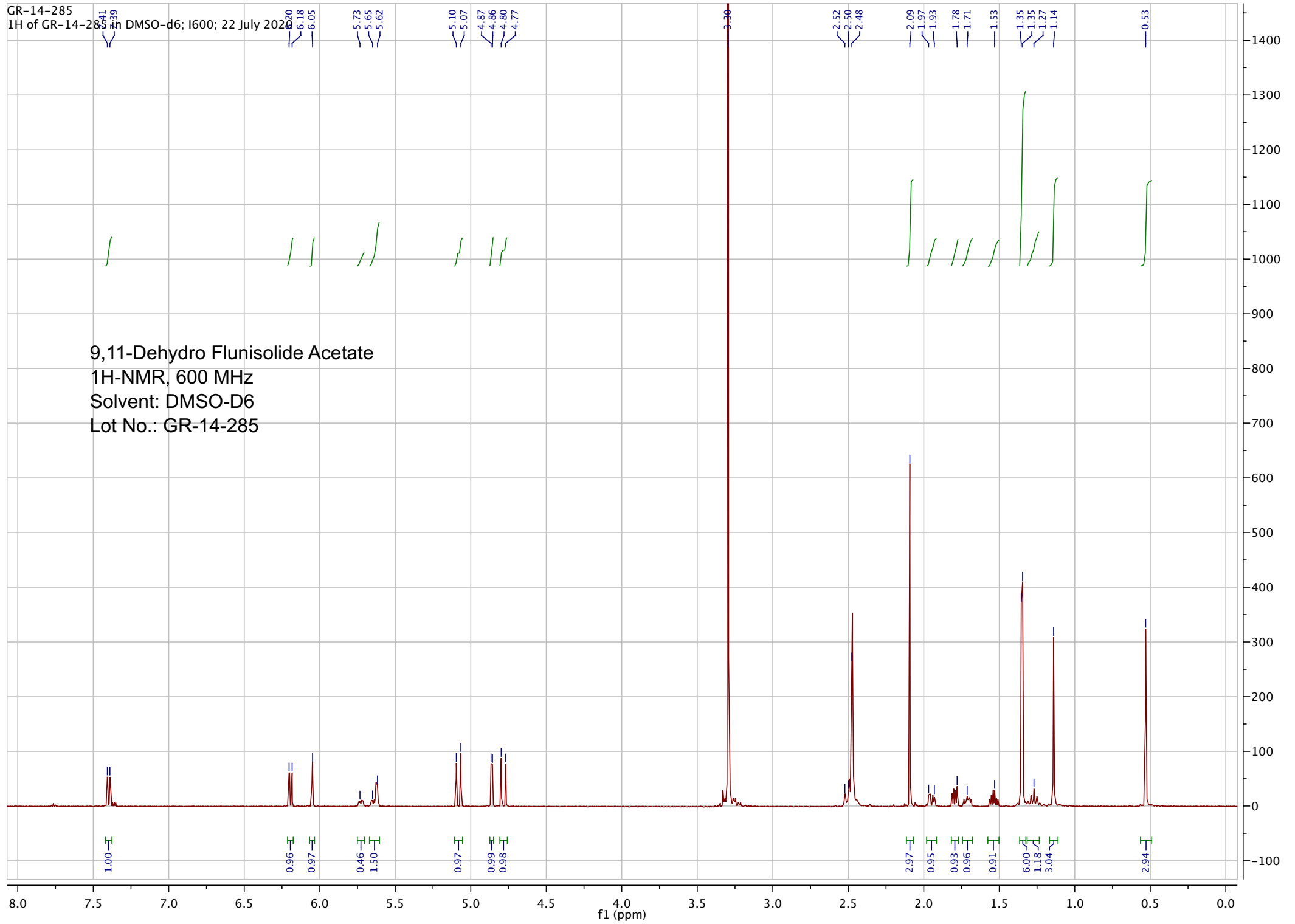
Date: 08/11/2020



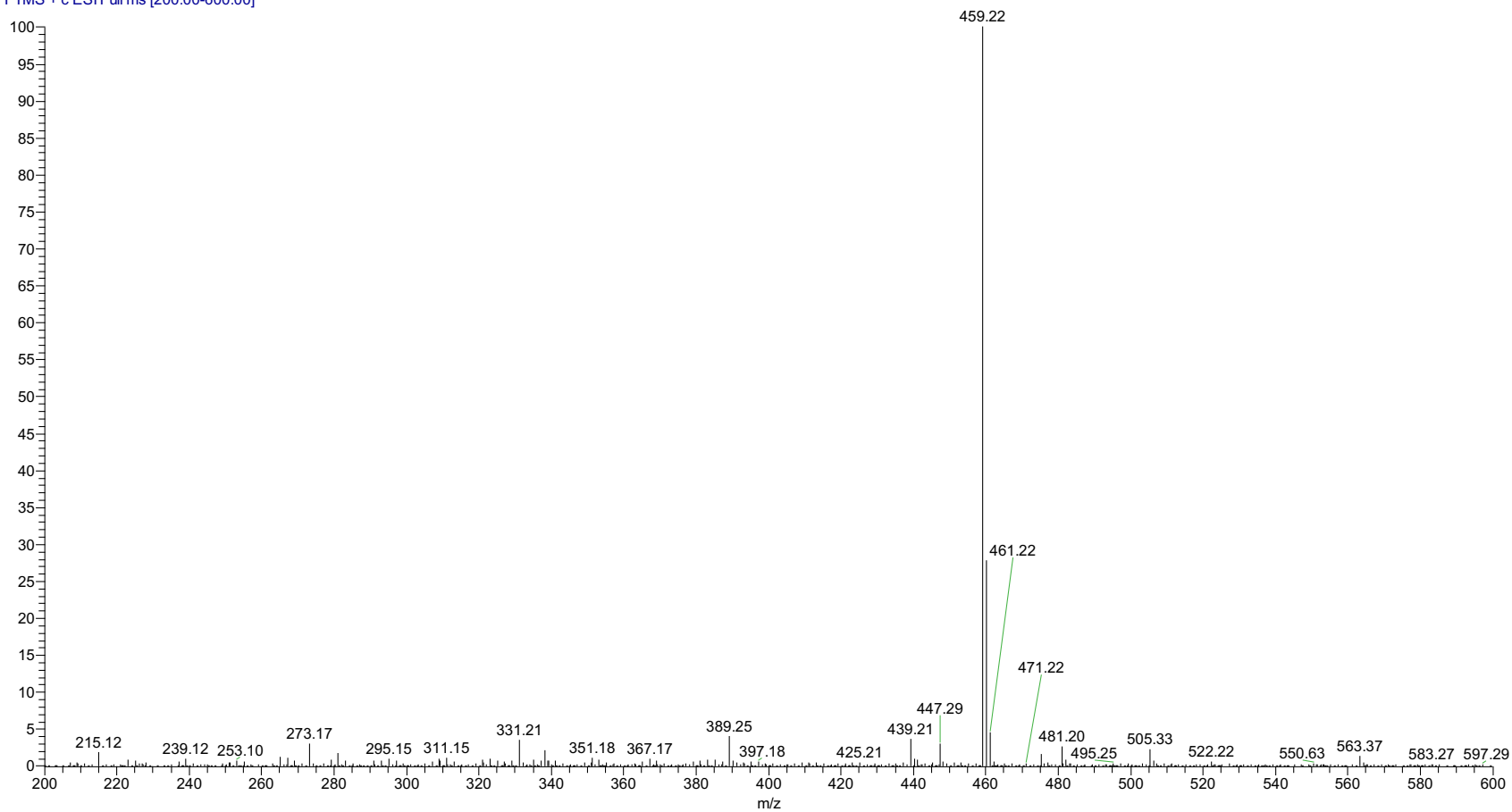
Viorica Rusu, QC/QA Manager

GR-14-285  
1H of GR-14-285 in DMSO-d6; 1600; 22 July 2020

9,11-Dehydro Flunisolide Acetate  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-14-285



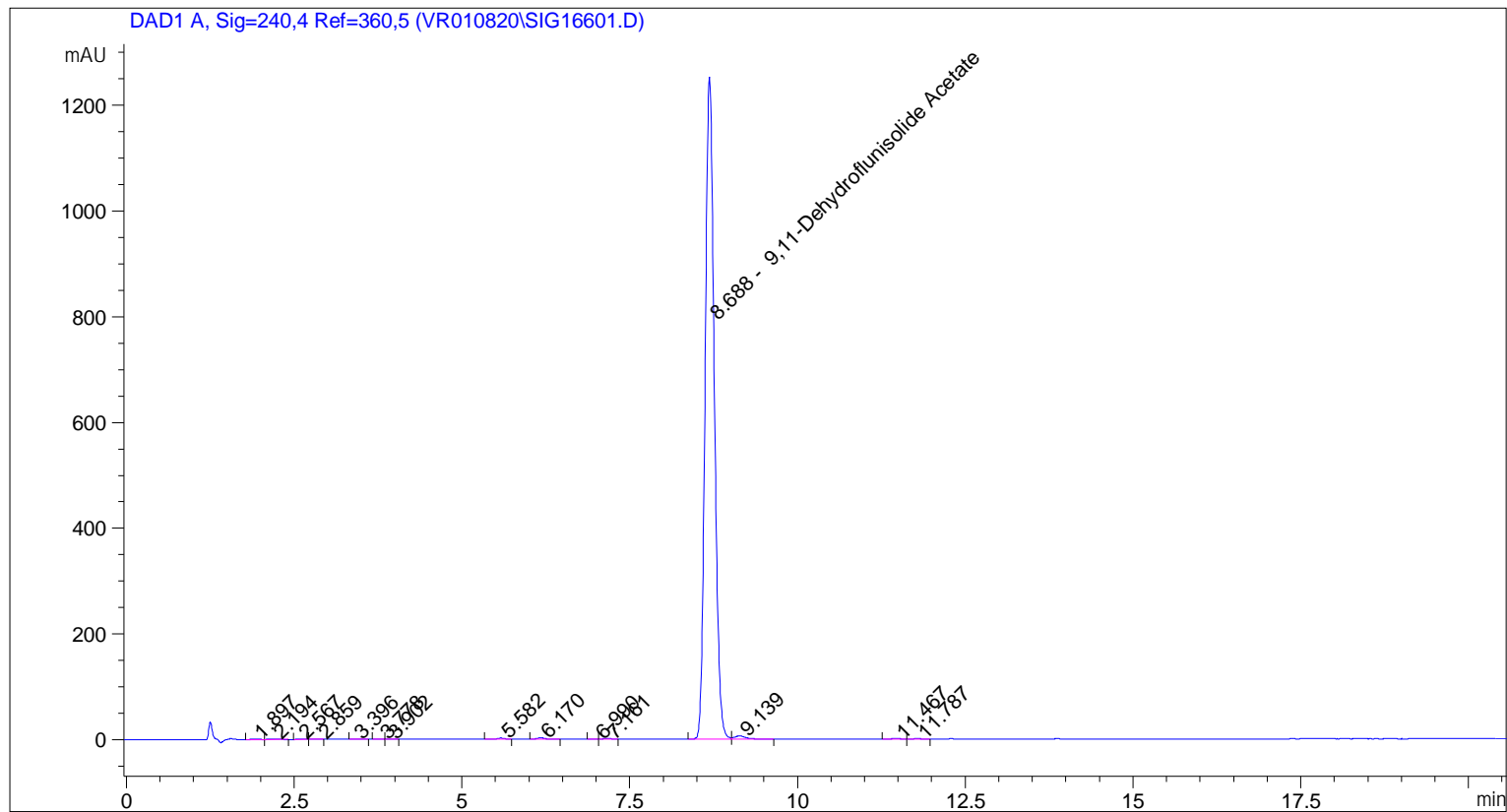
pp\_2020\_018\_GR\_14\_285\_001 #448 RT: 1.82 AV: 1 NL: 4.40E7  
T: FTMS + c ESI Full ms [200.00-600.00]



ESI-MS spectrum for sample GR-14-285. Shows monoisotopic [M+H]<sup>+</sup> mass.

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 4
Injection Date  : 6/3/2020 12:21:31 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR060320_285.M
Last changed    : 6/3/2020 12:20:23 PM by vrusu
Analysis Method  : C:\CHEM32\1\METHODS\VR060320_285PM.M
Last changed    : 6/3/2020 12:46:40 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      6/3/2020 12:46:21 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	1.897	BV	0.0809	4.41492	0.0368	?
2	2.194	VB	0.0888	6.53307	0.0544	?
3	2.567	BB	0.0761	1.62443	0.0135	?
4	2.859	BB	0.1113	1.94126	0.0162	?
5	3.396	BB	0.0962	2.22340	0.0185	?
6	3.778	BV	0.0797	3.32785	0.0277	?
7	3.902	VB	0.0826	1.48819	0.0124	?
8	5.582	BB	0.1005	12.98027	0.1081	?

Sample Name: GR-14-285

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.170	BB	0.1107	18.50199	0.1540	?
10	6.990	BV	0.0947	1.73516	0.0144	?
11	7.161	VB	0.1220	8.00718	0.0667	?
12	8.688	BV	0.1467	1.18773e4	98.8795	9,11-Dehydroflunisolide Acetate
13	9.139	VB	0.1683	65.30046	0.5436	?
14	11.467	BV	0.1615	3.64408	0.0303	?
15	11.787	VB	0.1285	2.87696	0.0240	?

Totals : 1.20119e4

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