

Name: *delta-6(7)-Levonorgestrel*

Lot#: GR-5-141

Test Date: 09/17/2019 (re-test date:09/17/2024)

CAS No.: 51087-61-7

MF: C₂₁H₂₆O₂

MW: 310.44

Appearance: Beige Solid

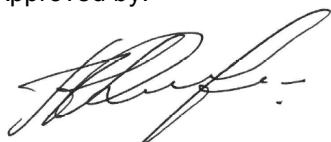
Purity: 97.3% by HPLC

¹H-NMR: Conforms

MS-ESI (+) Conforms (shows peak at m/z = 311.19 [M+H]⁺)

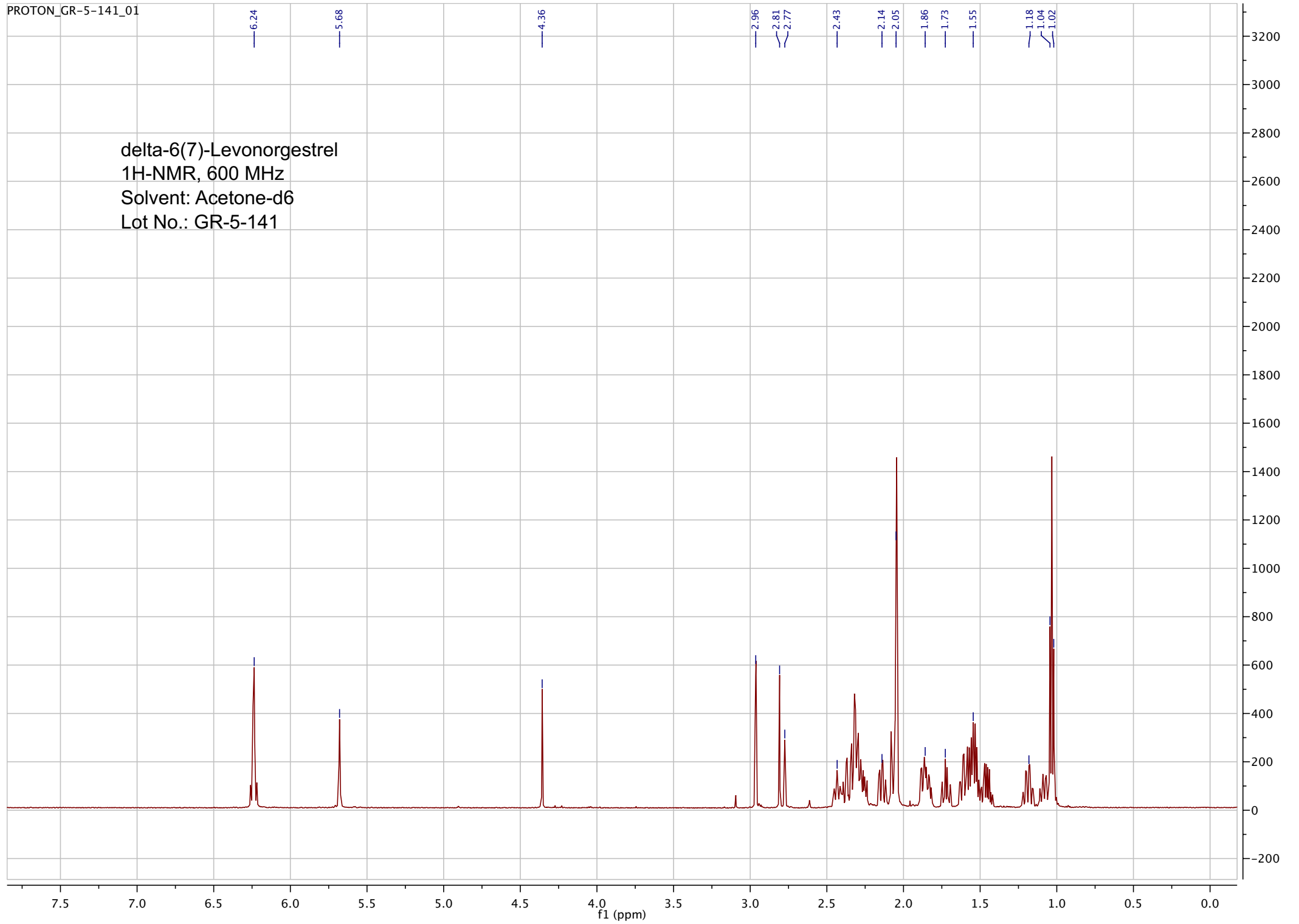
Approved by:

Date: 09/17/2019



Viorica Rusu, QC/QA Manager

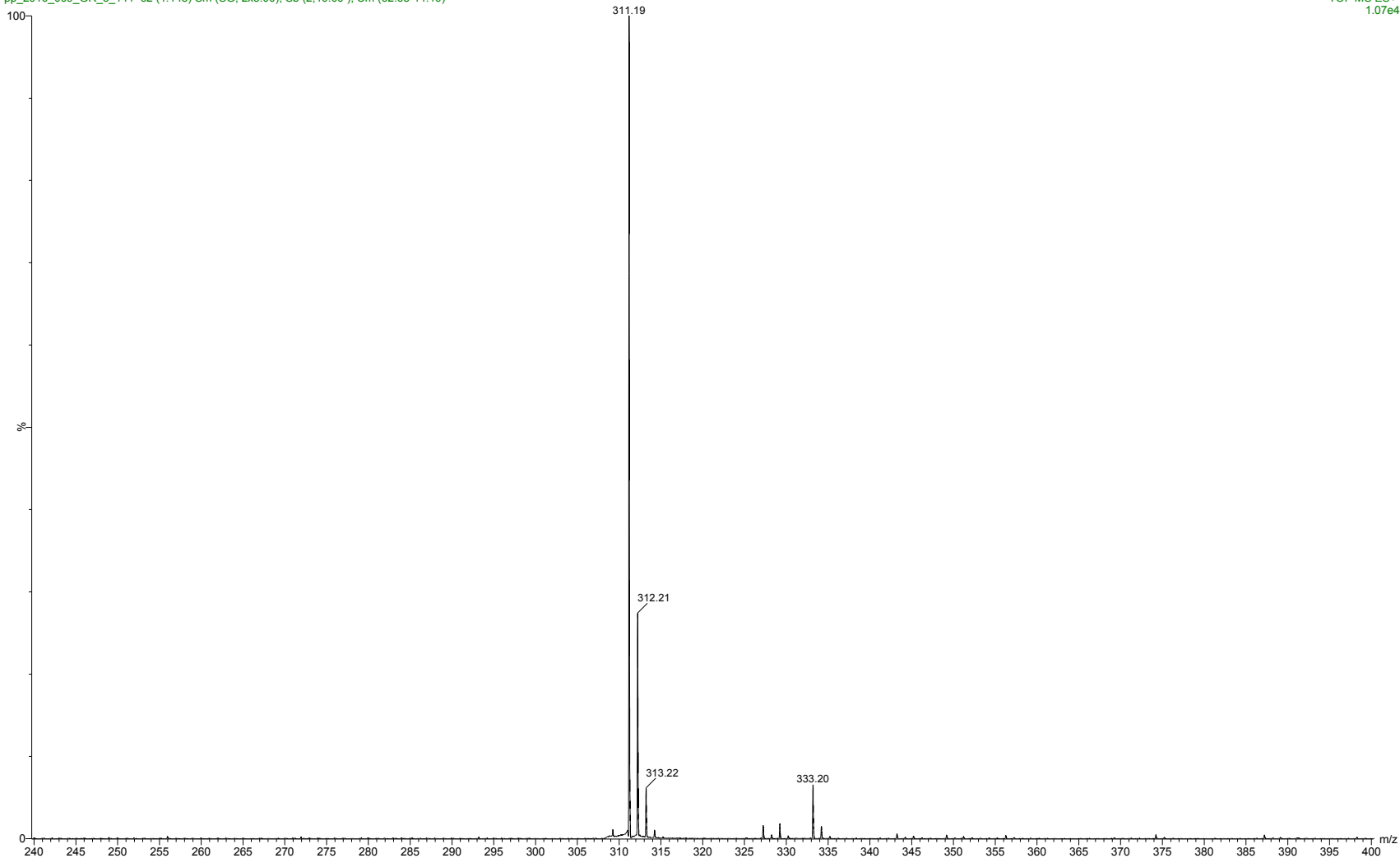
delta-6(7)-Levonorgestrel
1H-NMR, 600 MHz
Solvent: Acetone-d6
Lot No.: GR-5-141



pp_2016_009_GR_5_141 62 (1.148) Sm (SG, 2x5.00); Sb (2,10.00); Cm (62:68-14:19)

7.0000000

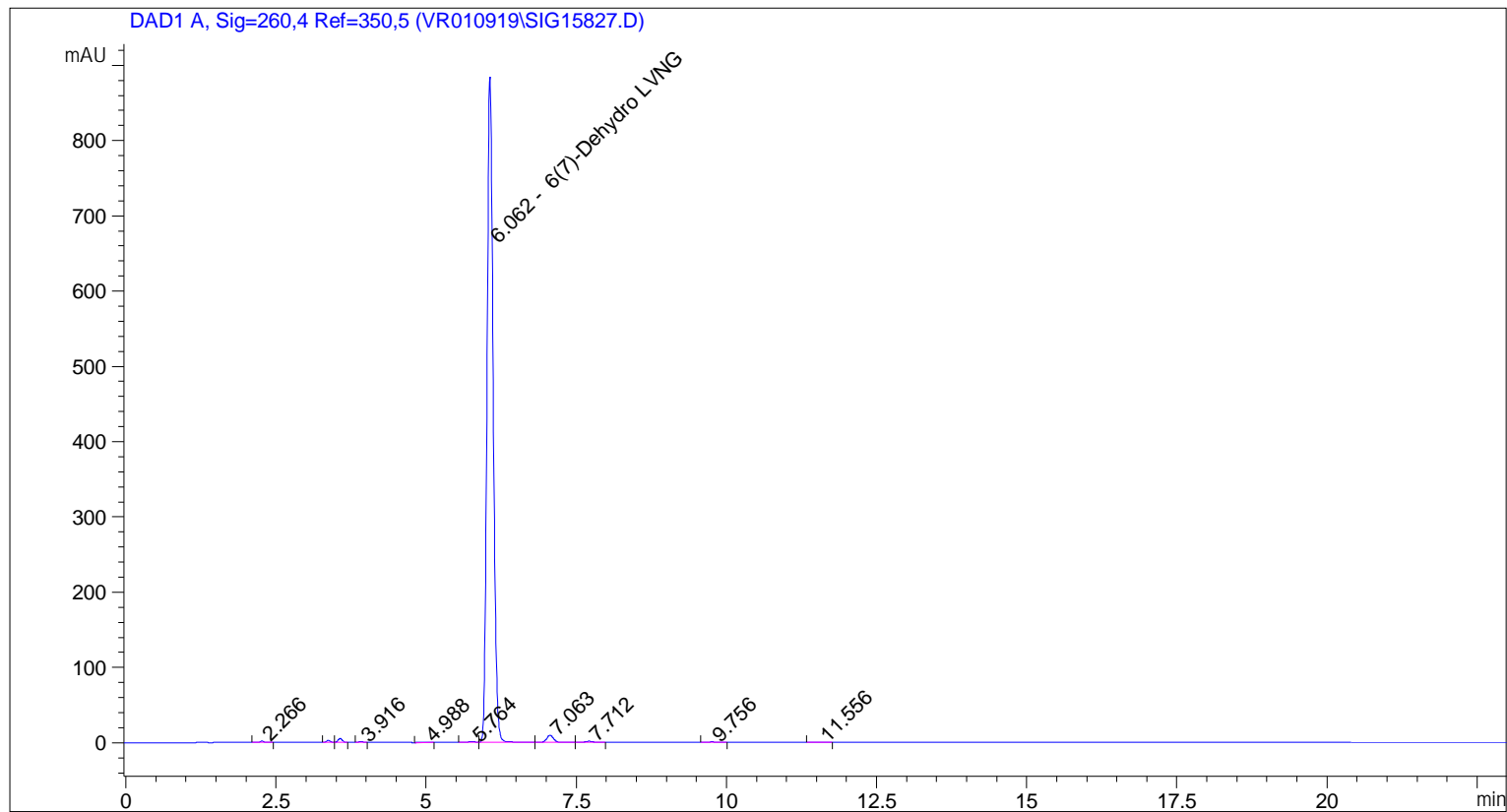
04-Feb-2016, 10:08:17
TOF MS ES+
1.07e4



ESI-MS spectrum for sample GR-5-141. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 36
Injection Date  : 9/17/2019 12:08:32 PM
                                           Inj Volume : 7.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR091719_141.M
Last changed   : 9/17/2019 12:07:21 PM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR091819_141PM.M
Last changed   : 9/18/2019 6:42:19 AM by vrusu
  
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 Area Percent Report
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Sorted By      : Signal
Calib. Data Modified : 9/18/2019 6:41:52 AM
Multiplier:    : 1.0000
Dilution:     : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
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Signal 1: DAD1 A, Sig=260,4 Ref=350,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.266	BB	0.0805	9.97906	0.1544	?
2	3.369	BV	0.0718	12.99989	0.2012	?
3	3.567	VB	0.0758	25.91622	0.4010	?
4	3.916	BB	0.0764	5.38616	0.0833	?
5	4.988	BB	0.1352	2.71399	0.0420	?
6	5.764	BV	0.1270	10.74396	0.1663	?
7	6.062	VB	0.1090	6288.26953	97.3083	6(7)-Dehydro LVNG
8	7.063	BB	0.1256	78.91955	1.2212	?

Sample Name: GR-5-141

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	7.712	BB	0.1395	15.05013	0.2329	?
10	9.756	BB	0.1563	7.64788	0.1183	?
11	11.556	BB	0.1492	4.58684	0.0710	?

Totals : 6462.21321

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*** End of Report ***