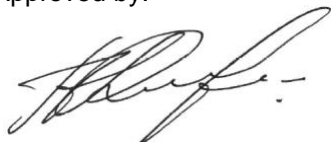


**Name:** 6β-Hydroxy Levonorgestrel  
**Lot#:** GR-5-135A  
**Test Date:** 08/15/2019 (re-test date: 08/15/2024)  
**CAS No.:** 55555-97-0  
**MF:** C<sub>21</sub>H<sub>28</sub>O<sub>3</sub>  
**MW:** 328.45  
**Appearance:** White Solid  
**Purity:** 97.9% by HPLC  
**<sup>1</sup>H-NMR:** Conforms (shows a trace of EtOAc)  
**MS-ESI (+)** Conforms (shows peaks at m/z = 329.23 [M+H]<sup>+</sup>)

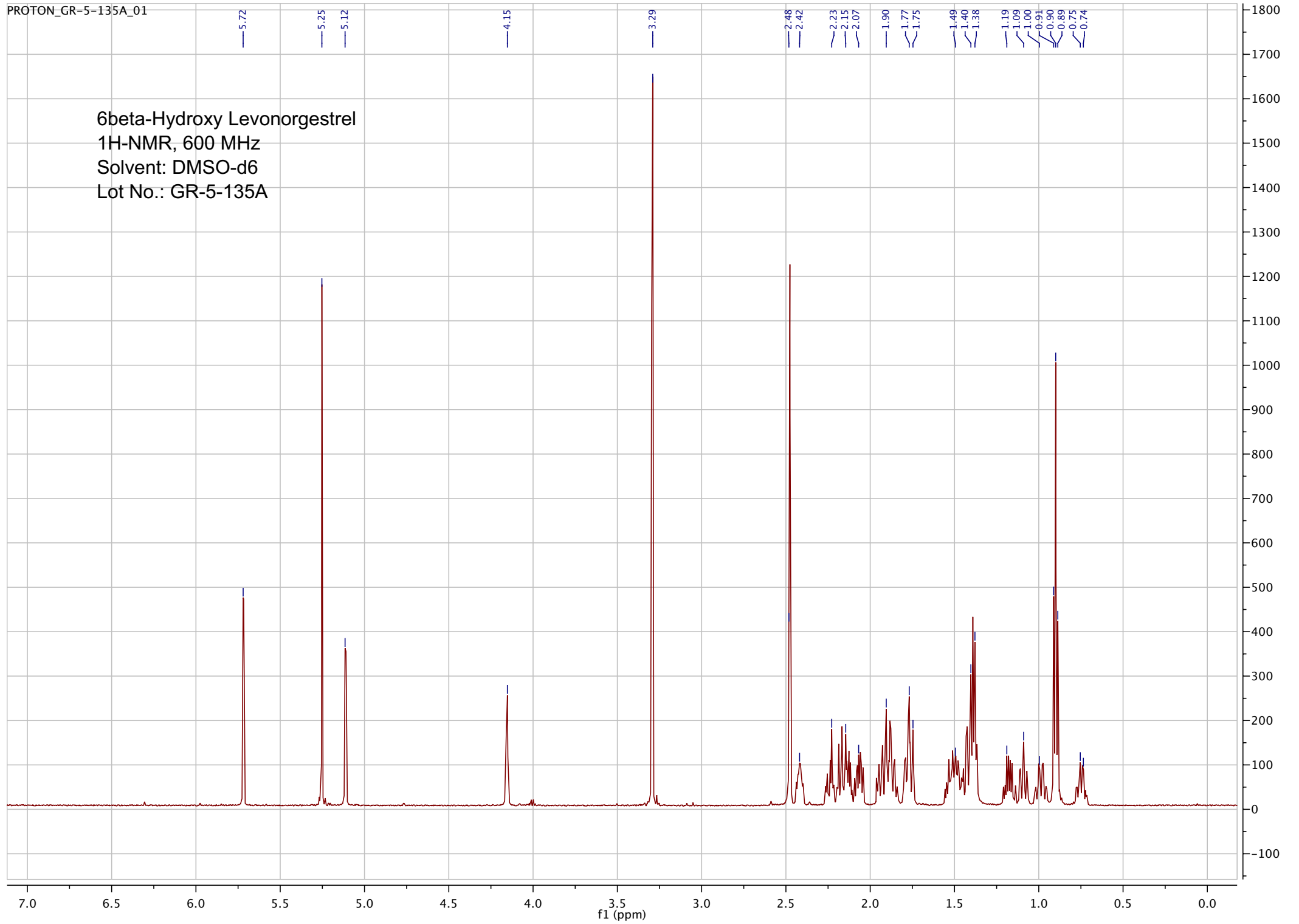
Approved by:

Date: 08/16/2019



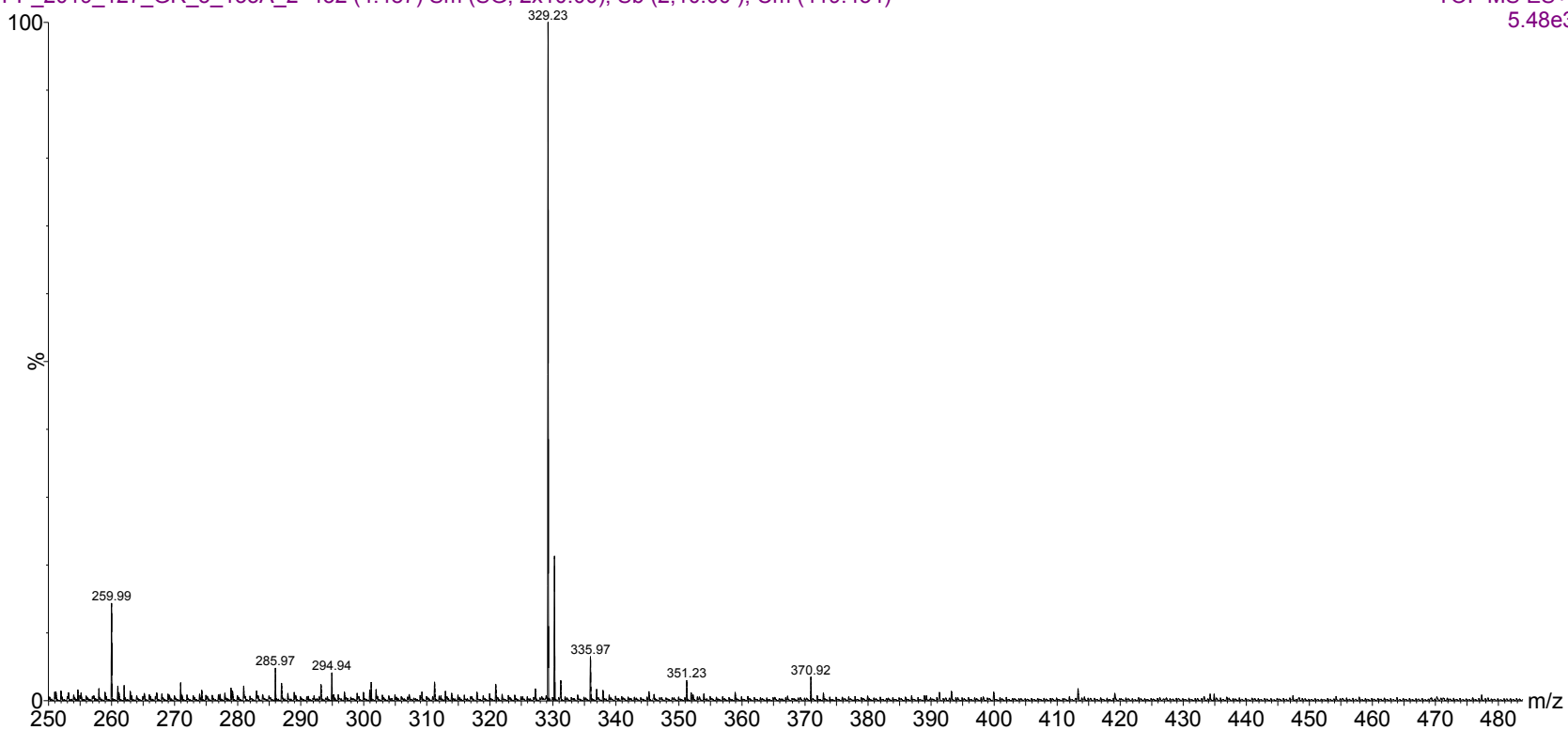
Viorica Rusu, QC/QA Manager

6beta-Hydroxy Levonorgestrel  
1H-NMR, 600 MHz  
Solvent: DMSO-d6  
Lot No.: GR-5-135A



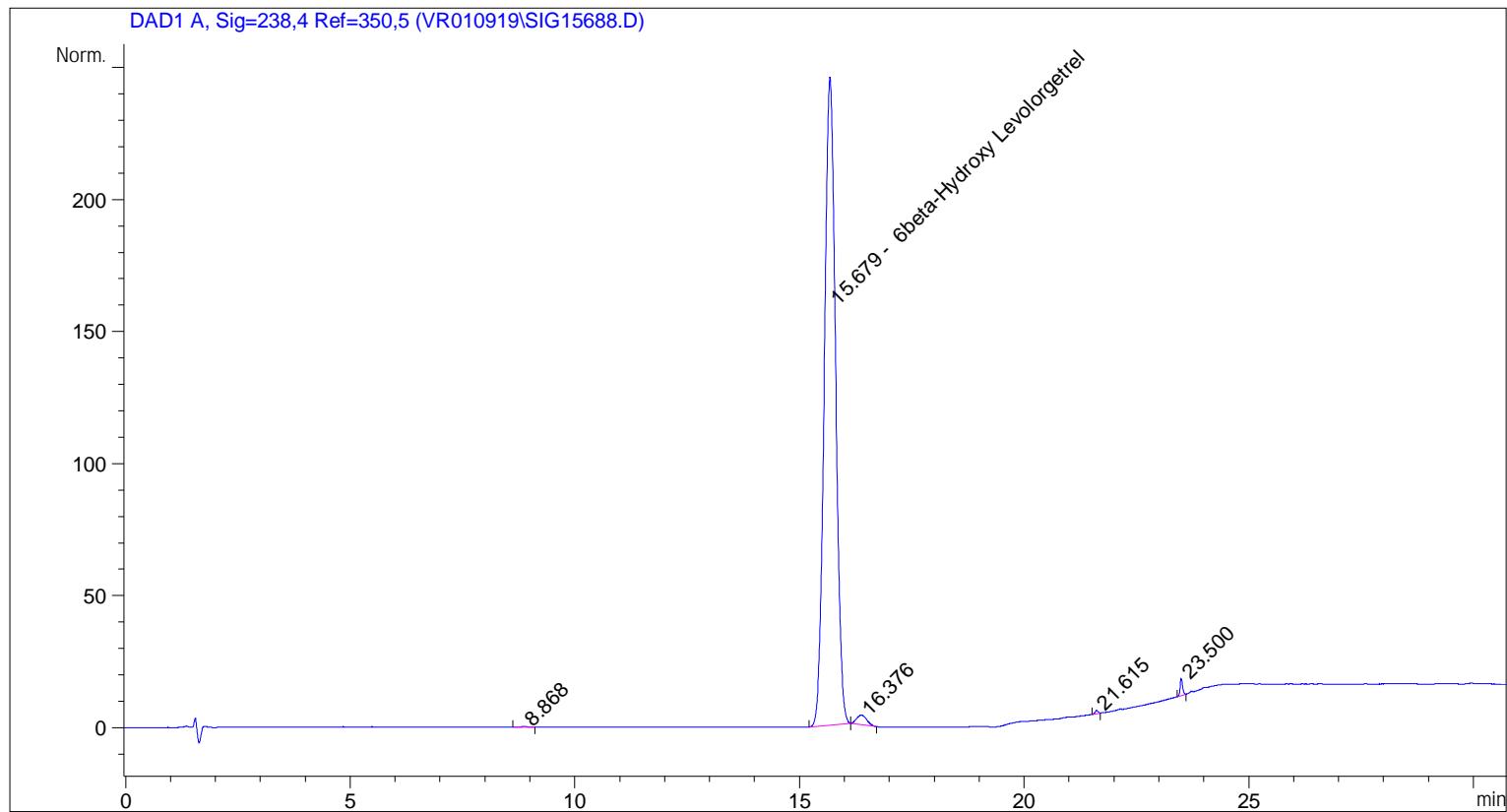
PP\_2019\_127\_GR\_5\_135A\_2 432 (4.487) Sm (SG, 2x10.00); Sb (2,10.00 ); Cm (419:434)

TOF MS ES+  
5.48e3



ESI-MS data for sample GR-5-135A. Shows monoisotopic [M+H]<sup>+</sup> mass.

=====  
Acq. Operator : vrusu  
Acq. Instrument : Instrument 1 Location : Vial 16  
Injection Date : 8/15/2019 1:18:59 PM Inj Volume : 10.0 µl  
Acq. Method : C:\CHEM32\1\METHODS\VR081219\_135A.M  
Last changed : 8/15/2019 1:16:31 PM by vrusu  
Analysis Method : C:\CHEM32\1\METHODS\VR081519\_135APM.M  
Last changed : 8/15/2019 1:50:44 PM by vrusu



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

Sorted By : Signal  
Calib. Data Modified : 8/15/2019 1:50:32 PM  
Multiplier: : 1.0000  
Dilution: : 1.0000  
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=238,4 Ref=350,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	8.868	VB	0.1670	3.06591	0.0704	?
2	15.679	BB	0.2707	4263.71729	97.9325	6beta-Hydroxy Levolorgetrel
3	16.376	BB	0.2507	56.43339	1.2962	?
4	21.615	BB	0.0707	5.69668	0.1308	?
5	23.500	BB	0.0616	24.81842	0.5700	?

Totals : 4353.73168

=====

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