

Name: 6 α -Hydroxy Norethindrone
Lot#: GR-7-257
Test Date: 08/15/2019 (re-test date: 08/15/2024)
CAS No.: 438244-33-8
MF: C₂₀H₂₆O₃
MW: 314.43
Appearance: Off-White Solid
Purity: 98.9% by HPLC
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peaks at m/z = 315.26 [M+H]⁺)

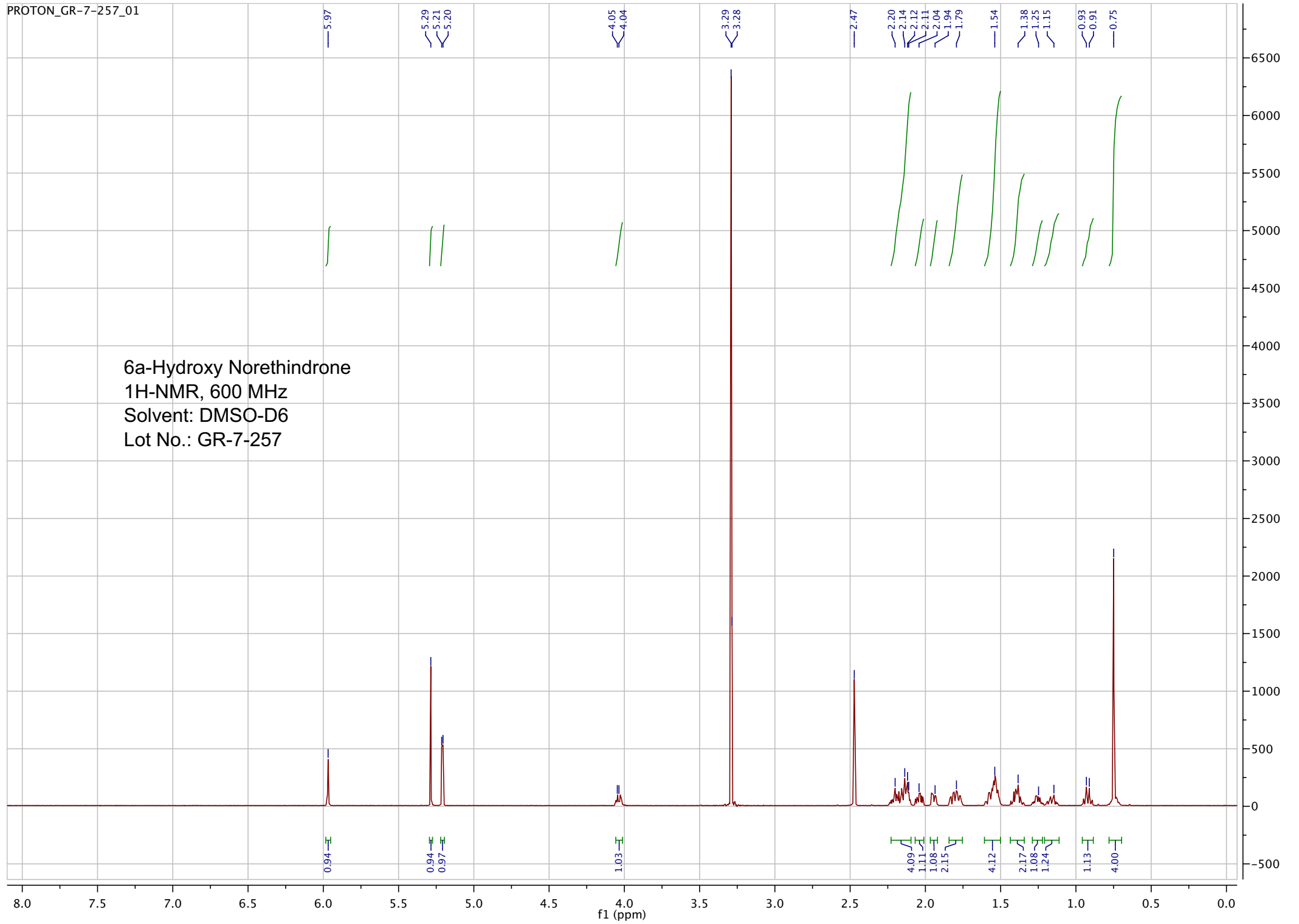
Approved by:

Date: 03/18/2020



Viorica Rusu, QC/QA Manager

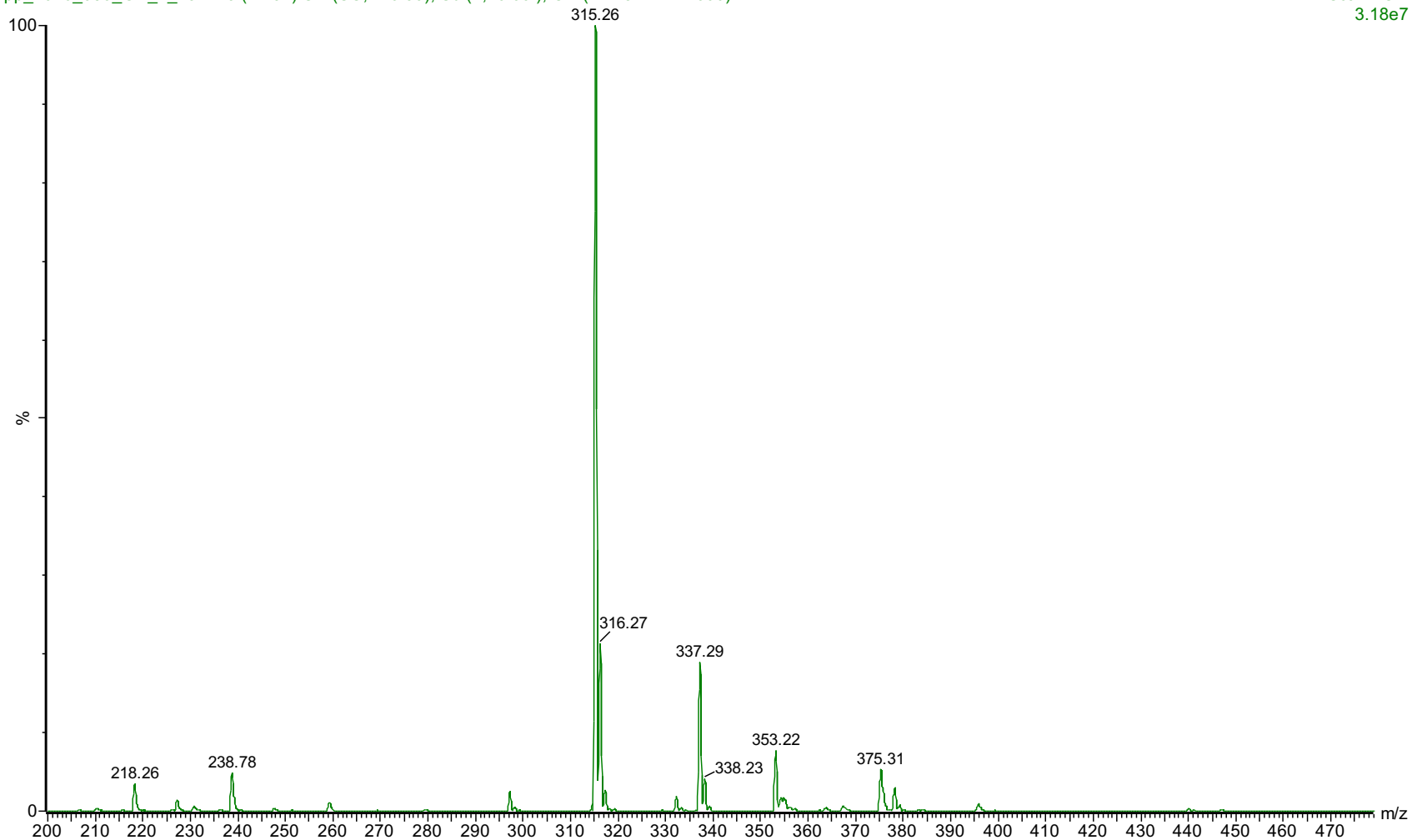
6a-Hydroxy Norethindrone
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-7-257



06-Apr-2016, 15:45:36

1: Scan ES+
3.18e7

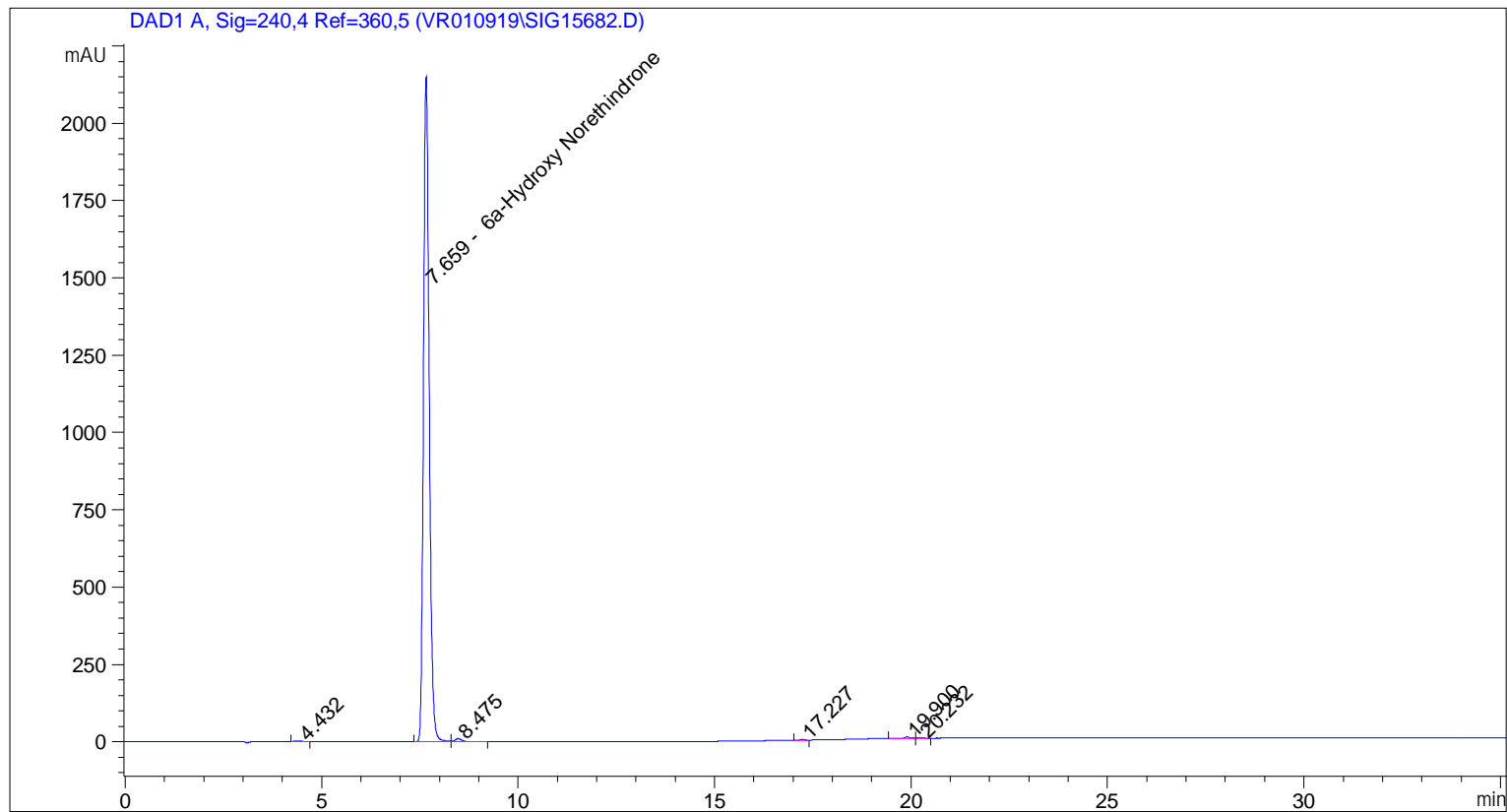
pp_2016_030_GR_7_257 25 (1.254) Sm (SG, 2x0.50); Sb (2,10.00); Cm (24:28-7:14x2.000)



ESI-MS spectrum for sample GR-7-257. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 42
Injection Date  : 8/15/2019 8:58:04 AM
                                           Inj Volume : 7.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR081519_257.M
Last changed    : 8/15/2019 8:56:39 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031820_257PM.M
Last changed    : 3/18/2020 9:27:36 AM by vrusu
  
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 Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      3/18/2020 9:26:02 AM
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	4.432	VB	0.1707	37.02854	0.1687	?
2	7.659	BV	0.1559	2.17242e4	98.9543	6a-Hydroxy Norethindrone
3	8.475	VB	0.1814	120.08812	0.5470	?
4	17.227	BB	0.1098	18.96639	0.0864	?
5	19.900	BV	0.1139	40.10867	0.1827	?
6	20.232	VB	0.1182	13.38836	0.0610	?

Totals : 2.19538e4

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*** End of Report ***