

Name: Norethindrone Diacetate
Lot#: GR-8-033
Test Date: 11/16/2020 (re-test date: 11/16/2025)
CAS No.: 2205-78-9
MF: C₂₄H₃₀O₄
MW: 382.49
Appearance: White solid
Purity: 98.9% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms
Storage Store at -18°C in a dry place away from direct sunlight

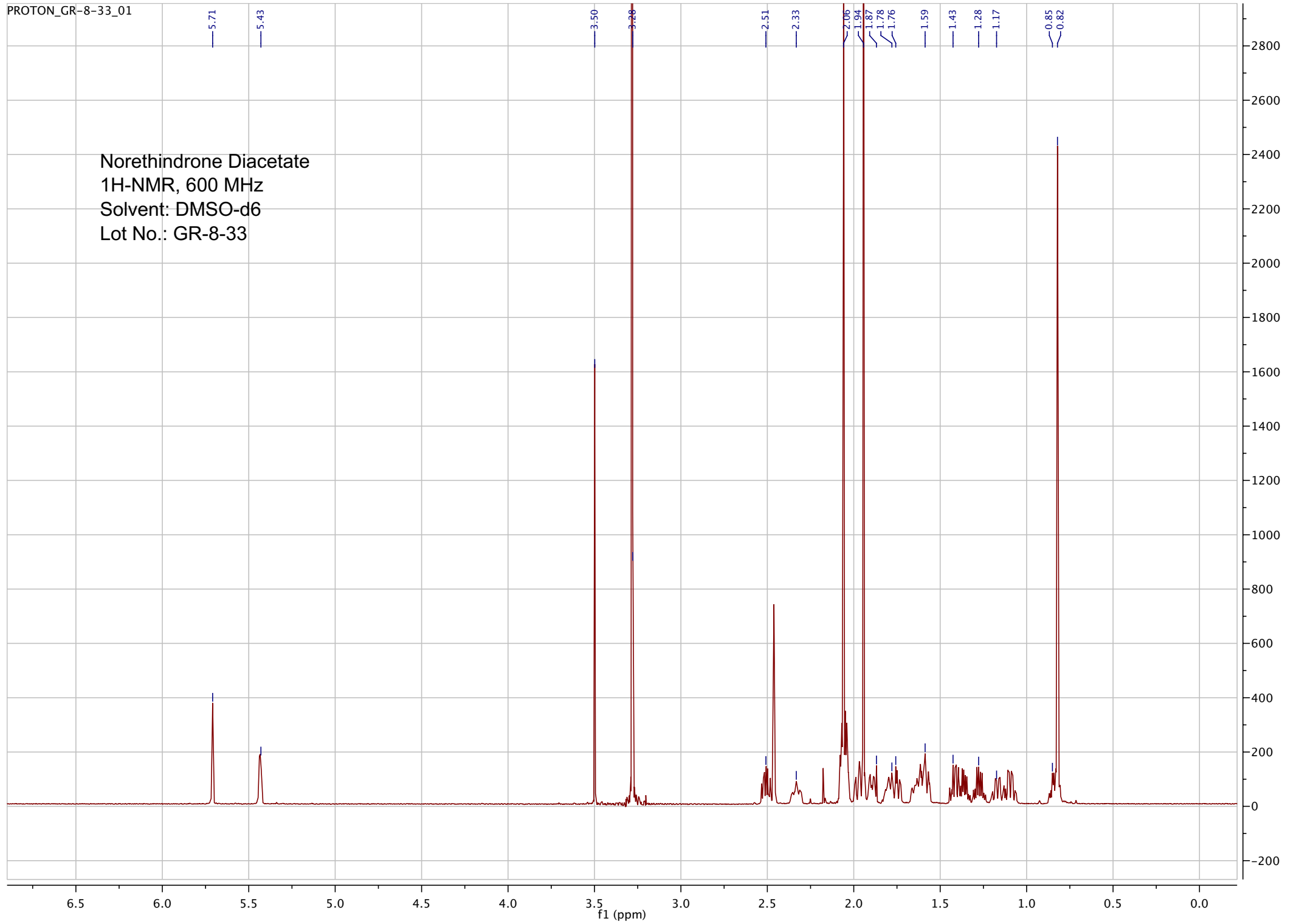
Approved by:

Date: 11/16/2020



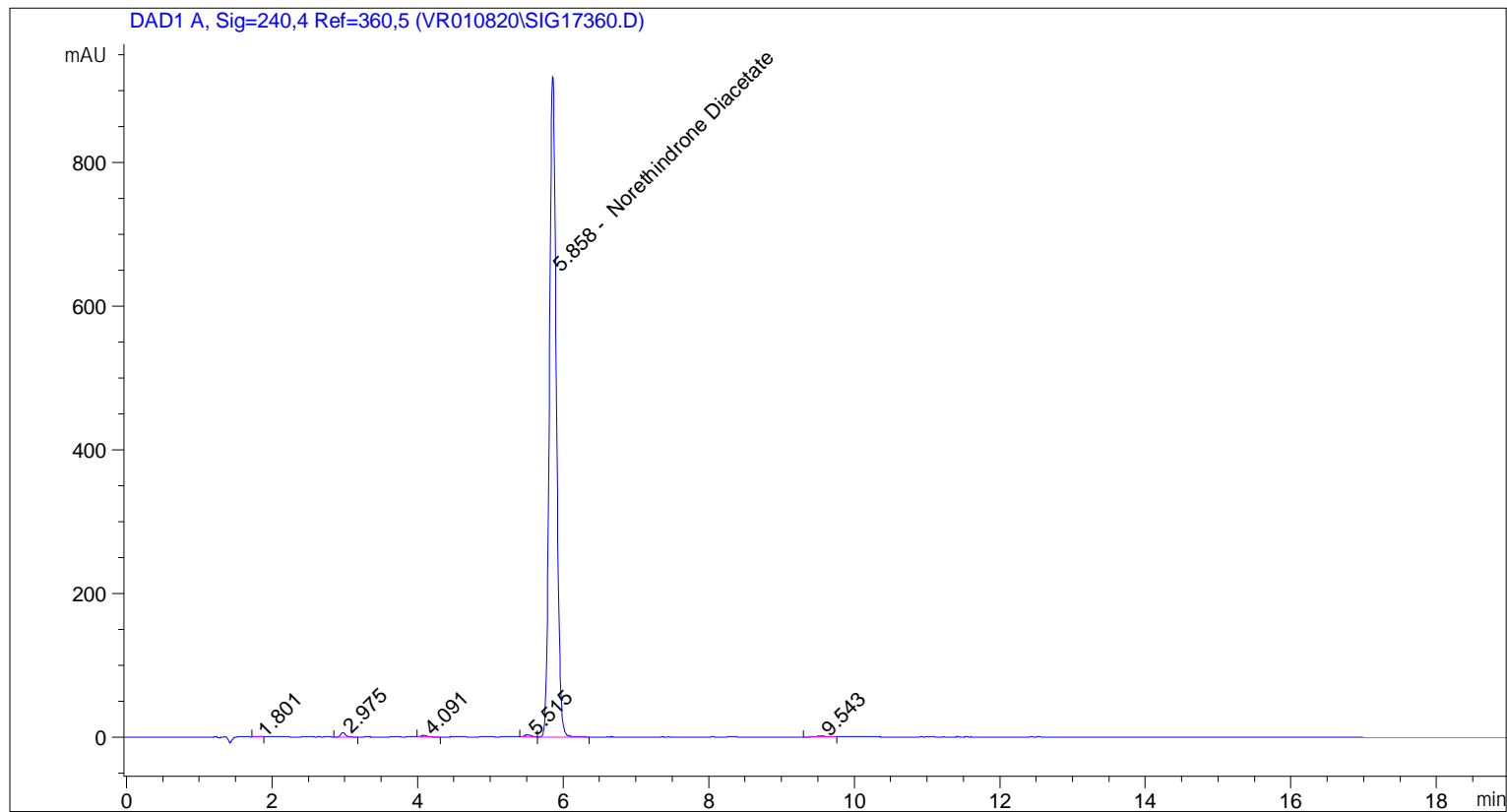
Viorica Rusu, QC/QA Manager

Norethindrone Diacetate
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-8-33



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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 48
Injection Date  : 11/16/2020 2:00:20 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR111620_033.M
Last changed    : 11/16/2020 1:59:21 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111620_033PM.M
Last changed    : 11/16/2020 2:24:04 PM by vrusu
  
```



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 Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      11/16/2020 2:23:43 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	1.801	BB	0.0600	1.43681	0.0234	?
2	2.975	BB	0.0671	26.66531	0.4350	?
3	4.091	BB	0.0803	10.89516	0.1777	?
4	5.515	BB	0.0908	16.26701	0.2654	?
5	5.858	BB	0.1008	6062.51904	98.9055	Norethindrone Diacetate
6	9.543	BB	0.1557	11.82203	0.1929	?

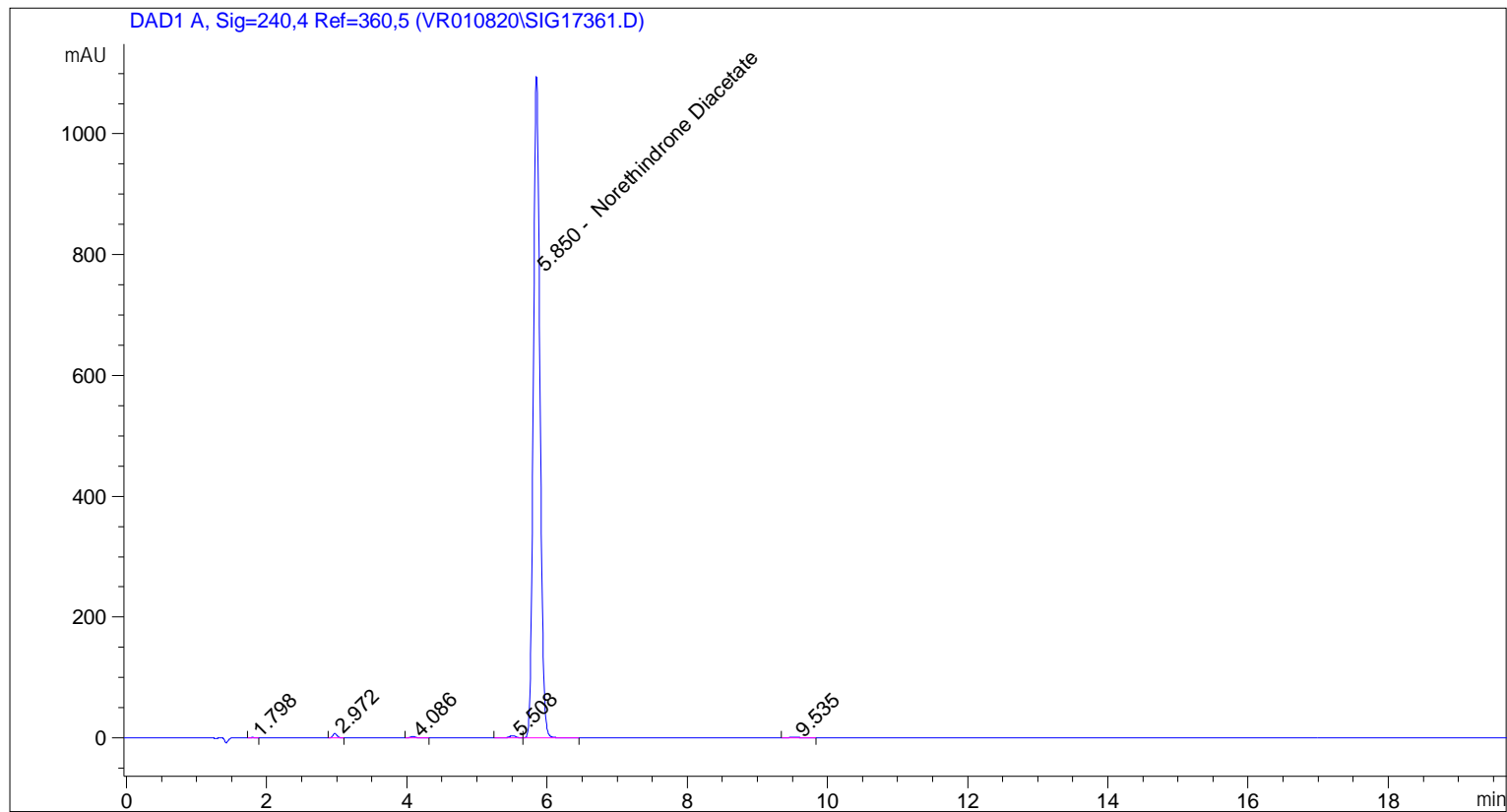
Totals : 6129.60536

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*** End of Report ***

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 49
Injection Date  : 11/16/2020 2:21:10 PM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR111620_033.M
Last changed    : 11/16/2020 2:20:11 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111620_033PM.M
Last changed    : 11/16/2020 2:24:04 PM by vrusu
  
```



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 Area Percent Report
 =====

```

Sorted By       : Signal
Calib. Data Modified : 11/16/2020 2:23:43 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	1.798	BB	0.0580	2.29176	0.0313	?
2	2.972	BB	0.0661	31.09754	0.4245	?
3	4.086	BB	0.0818	13.15918	0.1796	?
4	5.508	BV	0.1044	25.30680	0.3454	?
5	5.850	VB	0.1010	7241.94043	98.8467	Norethindrone Diacetate
6	9.535	BB	0.1425	12.64095	0.1725	?

Totals : 7326.43667

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*** End of Report ***