

Name: Levonorgestrel Diacetate
Lot#: GR-8-045
Test Date: 02/22/2021 (re-test date: 02/22/2026)
CAS No.: 13635-15-9
MF: C₂₅H₃₂O₄
MW: 396.52
Appearance: White solid
Purity: 99.4% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms
Storage Store at 0-5°C in a dry place away from direct sunlight

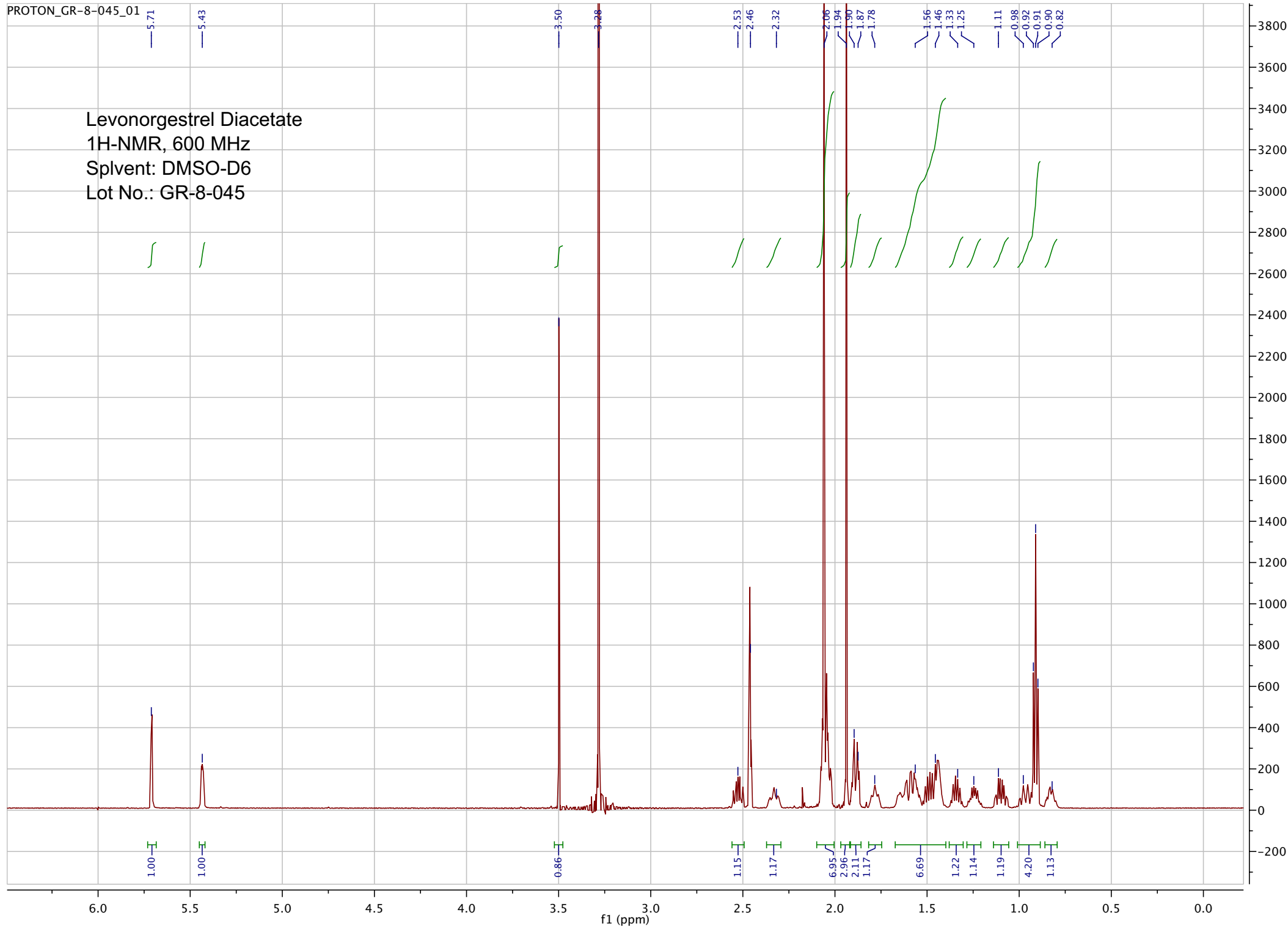
Approved by:

Date: 02/22/2021

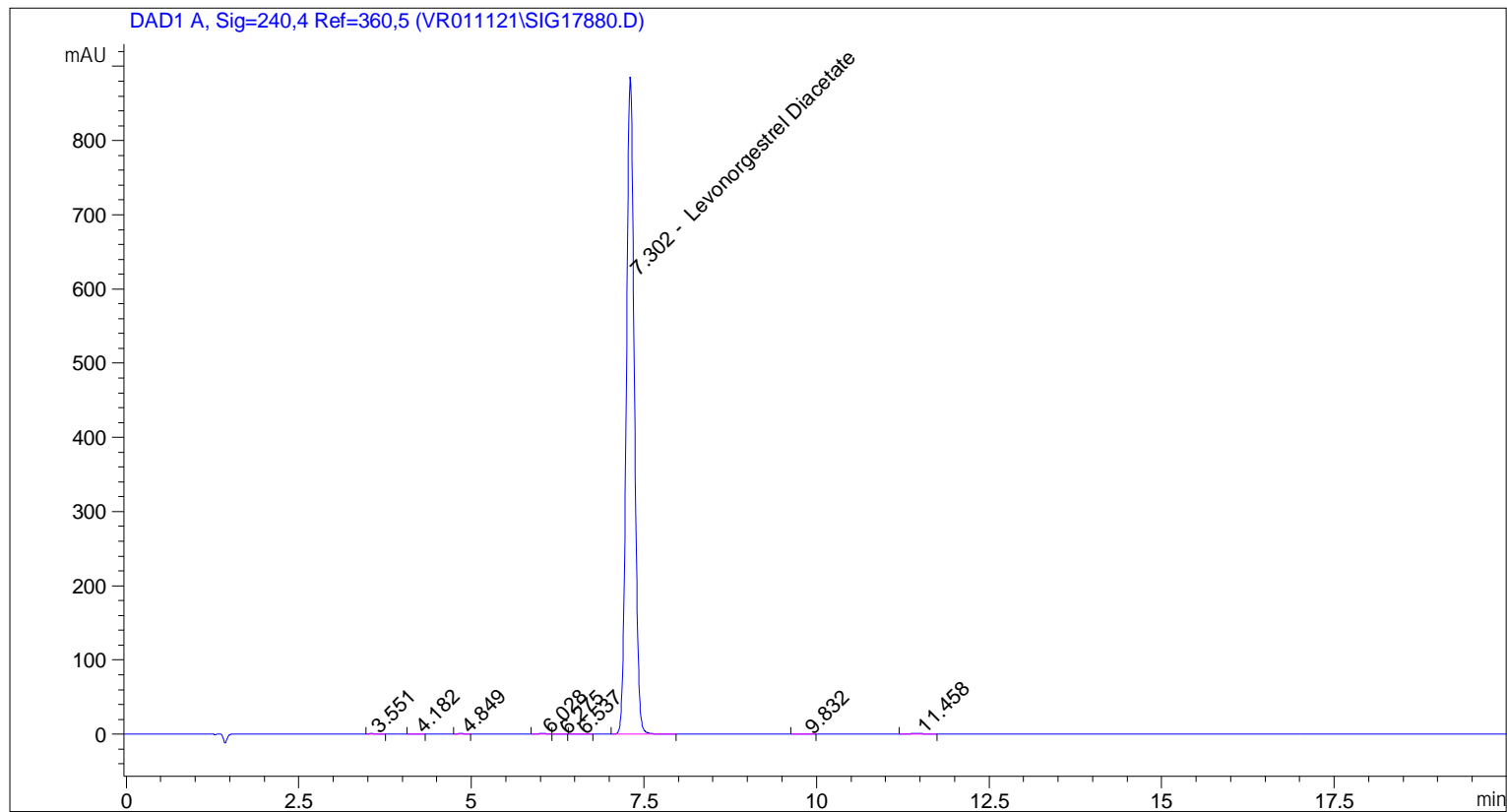


Viorica Rusu, QC/QA Manager

Levonorgestrel Diacetate
1H-NMR, 600 MHz
Splvent: DMSO-D6
Lot No.: GR-8-045



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 98
Injection Date : 2/22/2021 2:11:14 PM Inj Volume : 8.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR022221_045.M
Last changed : 2/22/2021 2:10:20 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR022221_045PM.M
Last changed : 2/22/2021 3:00:45 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 2/22/2021 3:00:18 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	3.551	BB	0.0756	3.93410	0.0552	?
2	4.182	BB	0.0884	3.41854	0.0480	?
3	4.849	BB	0.0870	4.97341	0.0698	?
4	6.028	BV	0.1162	7.08506	0.0995	?
5	6.275	VB	0.1000	2.08533	0.0293	?
6	6.537	BB	0.1073	2.47526	0.0347	?
7	7.302	BB	0.1233	7083.12158	99.4382	Levonorgestrel Diacetate
8	9.832	BB	0.1359	3.96104	0.0556	?

Sample Name: GR-8-045

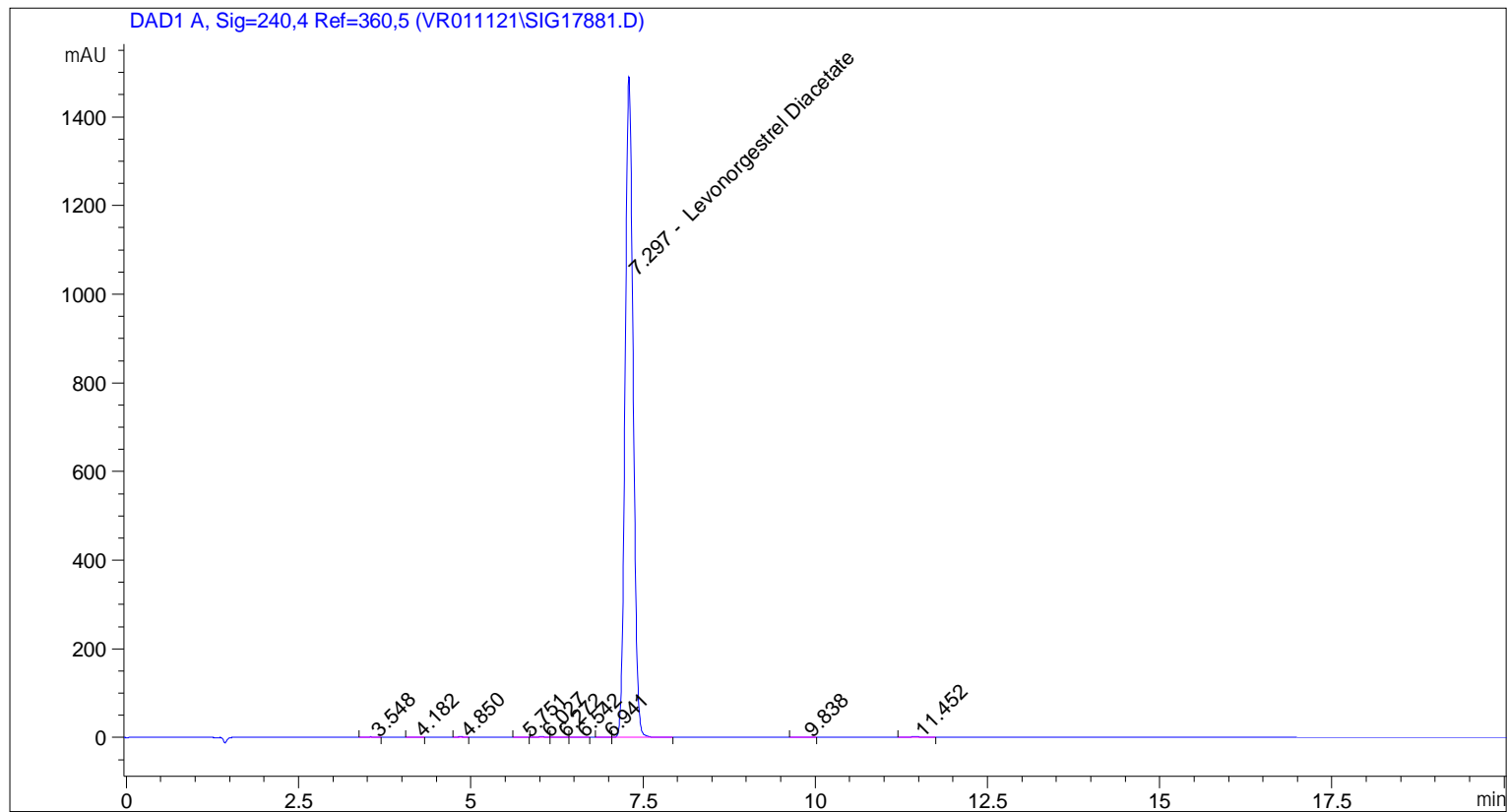
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	11.458	BB	0.1676	12.08820	0.1697	?

Totals : 7123.14252

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 99
Injection Date  : 2/22/2021 2:35:20 PM
                                           Inj Volume : 8.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR022221_045.M
Last changed    : 2/22/2021 2:34:21 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR022221_045PM.M
Last changed    : 2/22/2021 3:00:45 PM by vrusu
  
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 Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      2/22/2021 3:00:18 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
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Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	3.548	BB	0.0796	7.68602	0.0635	?
2	4.182	BB	0.0829	5.15480	0.0426	?
3	4.850	BB	0.0922	9.33475	0.0772	?
4	5.751	BB	0.0968	1.67882	0.0139	?
5	6.027	BV	0.1108	13.34871	0.1104	?
6	6.272	VV	0.1316	6.51584	0.0539	?
7	6.542	VB	0.1134	5.47782	0.0453	?
8	6.941	BV	0.1137	3.74583	0.0310	?

Sample Name: GR-8-045 spl-2

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	7.297	VB	0.1260	1.20165e4	99.3410	Levonorgestrel Diacetate
10	9.838	BB	0.1416	6.54515	0.0541	?
11	11.452	BB	0.1926	20.22219	0.1672	?

Totals : 1.20962e4

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*** End of Report ***