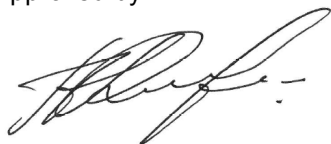


Name: 11-Oxo-Betamethasone-17-Propionate
Lot#: VR-2-251
Test Date: 10/29/2018 (re-test date: 10/29/2023)
CAS No.: NA
MF: C₂₅H₃₁FO₆
MW: 446.50
Appearance: White Solid
Purity: 97.9% by HPLC
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peaks at m/z = 447.20 [M+H]⁺ and 469.21 [M+Na]⁺)

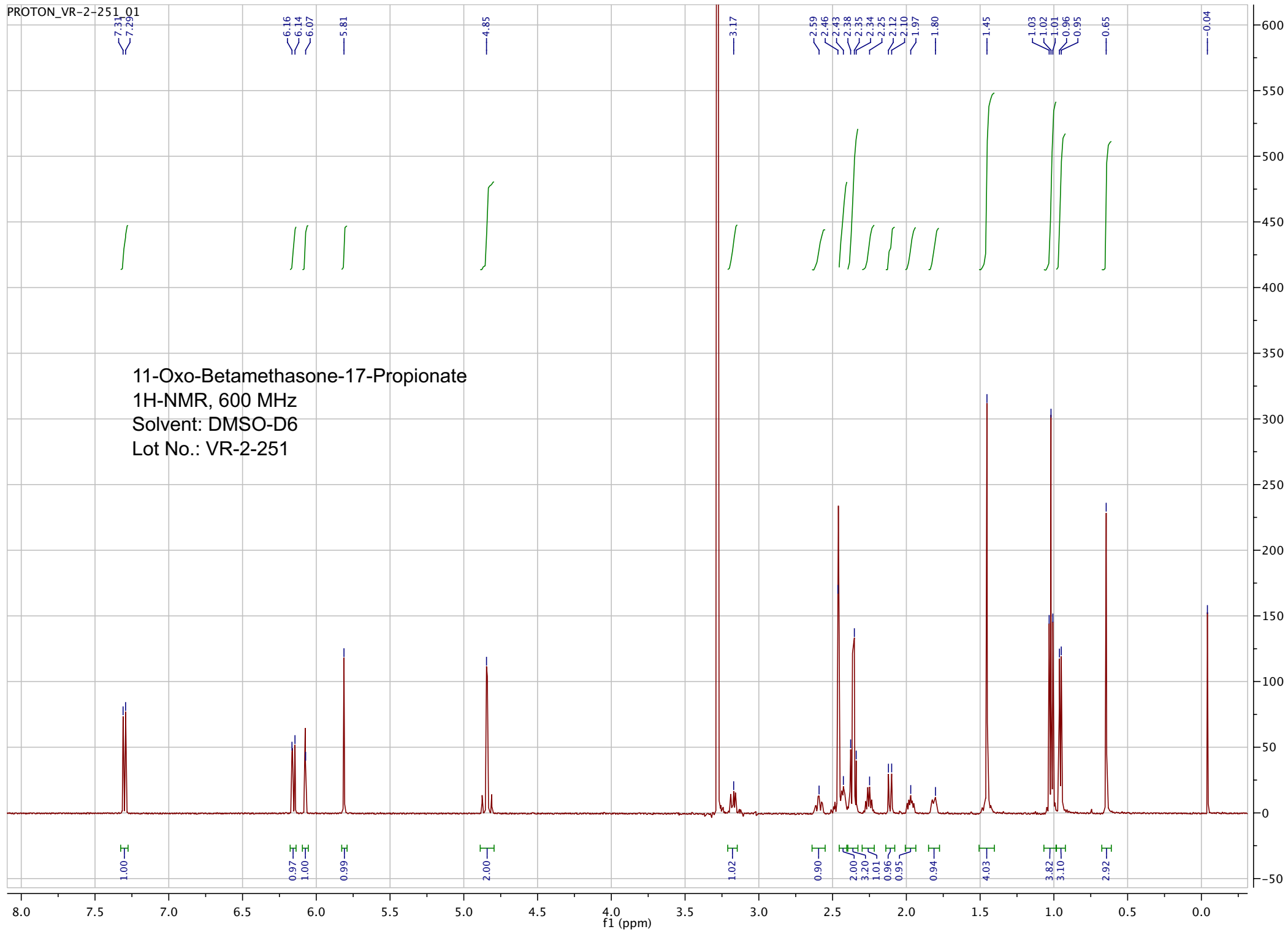
Approved by:

Date: 03/08/2019



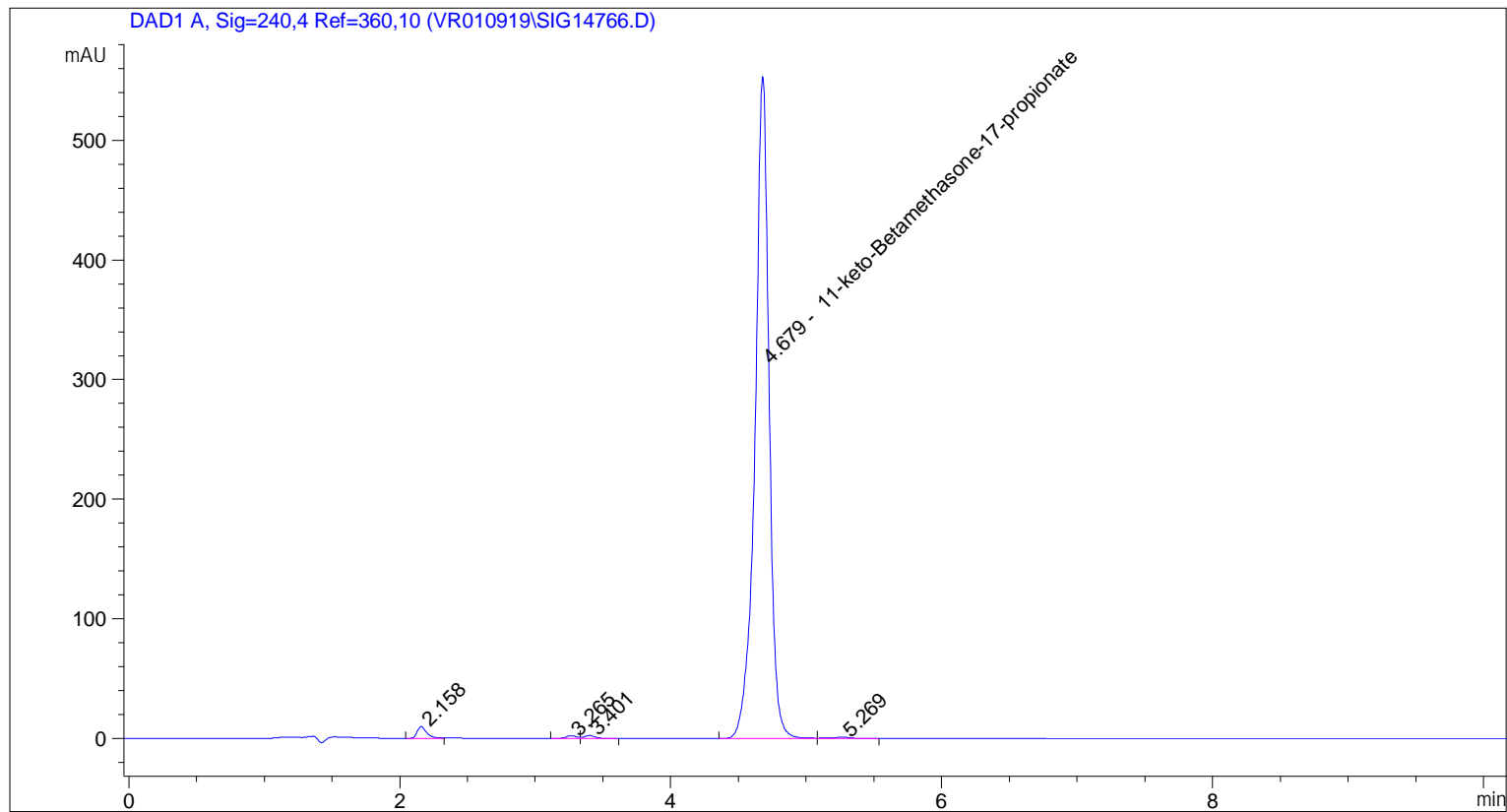
Viorica Rusu, QC/QA Manager

11-Oxo-Betamethasone-17-Propionate
 1H-NMR, 600 MHz
 Solvent: DMSO-D6
 Lot No.: VR-2-251



```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 15
Injection Date  : 2/20/2019 1:55:22 PM
                                           Inj Volume : 10.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR022019_251.M
Last changed    : 2/20/2019 1:54:21 PM by vrusu
Analysis Method  : C:\CHEM32\1\METHODS\VR022019_251PM.M
Last changed    : 2/20/2019 2:10:17 PM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      2/20/2019 2:09:47 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,10

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.158	VV	0.0728	49.12011	1.2084	?
2	3.265	BV	0.0775	11.77966	0.2898	?
3	3.401	VB	0.0829	13.56919	0.3338	?
4	4.679	BV	0.1077	3978.84546	97.8866	11-keto-Betamethasone-17-propionate
5	5.269	VB	0.1399	11.43615	0.2813	?

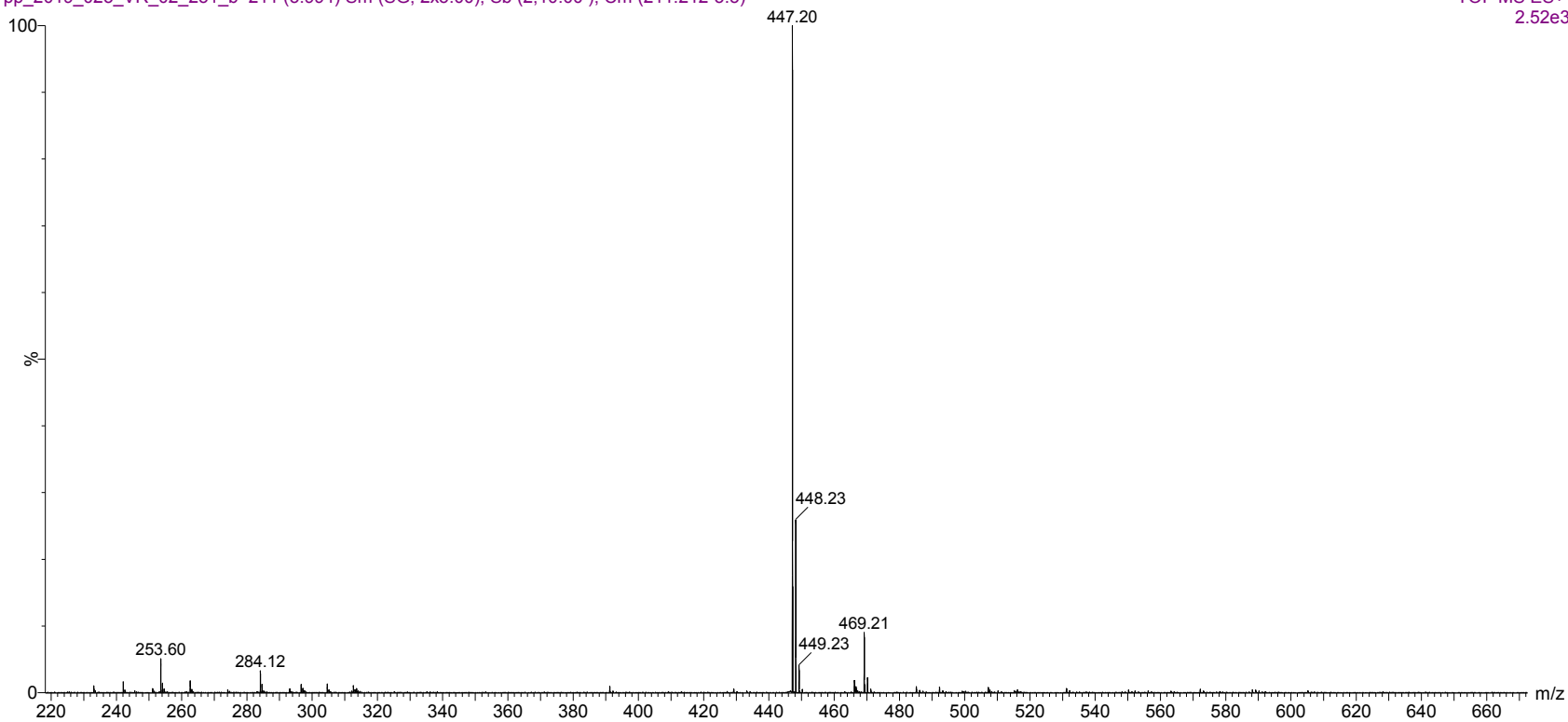
Totals : 4064.75057

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*** End of Report ***

pp_2019_023_VR_02_251_b 211 (3.994) Sm (SG, 2x5.00); Sb (2,10.00); Cm (211:212-3:5)

TOF MS ES+
2.52e3



ESI-MS spectrum for sample VR-2-251. Shows monoisotopic [M+H]⁺ mass.