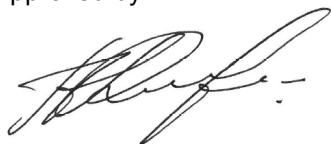


<b>Name:</b>	<b>11-Oxo-Betamethasone</b>
<b>Lot#:</b>	VR-2-265
<b>Test Date:</b>	03/04/2019 (re-test date: 03/04/2024)
<b>CAS No.:</b>	NA
<b>MF:</b>	C <sub>22</sub> H <sub>27</sub> FO <sub>5</sub>
<b>MW:</b>	390.45
<b>Appearance:</b>	Off-White Solid
<b>Purity:</b>	99.3% by HPLC
<b><sup>1</sup>H-NMR:</b>	Conforms
<b>MS-ESI (+)</b>	Conforms (shows peaks at m/z = 391.19 [M+H] <sup>+</sup> , and 413.18 [M+Na] <sup>+</sup> )

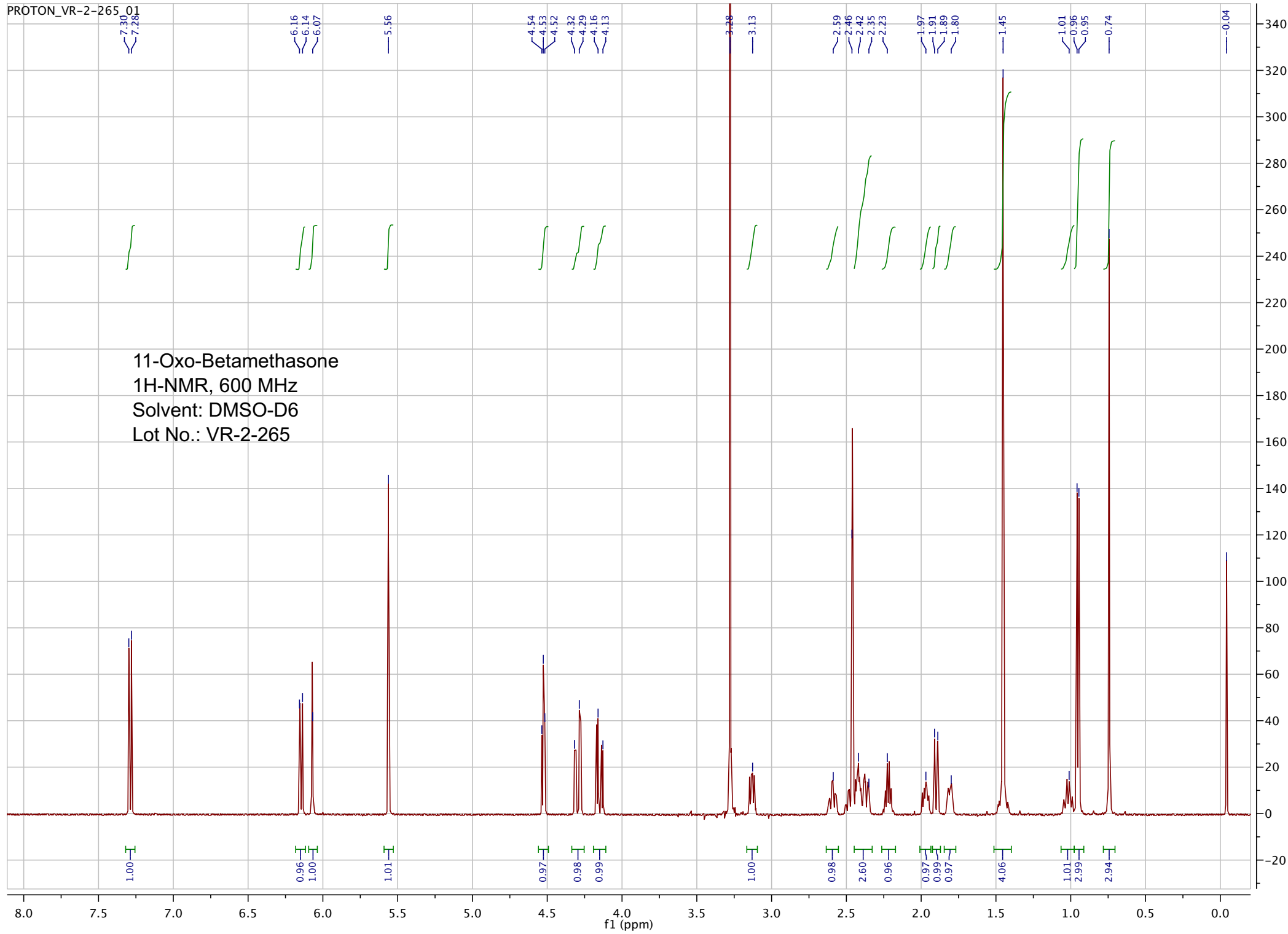
Approved by:

Date: 03/08/2019

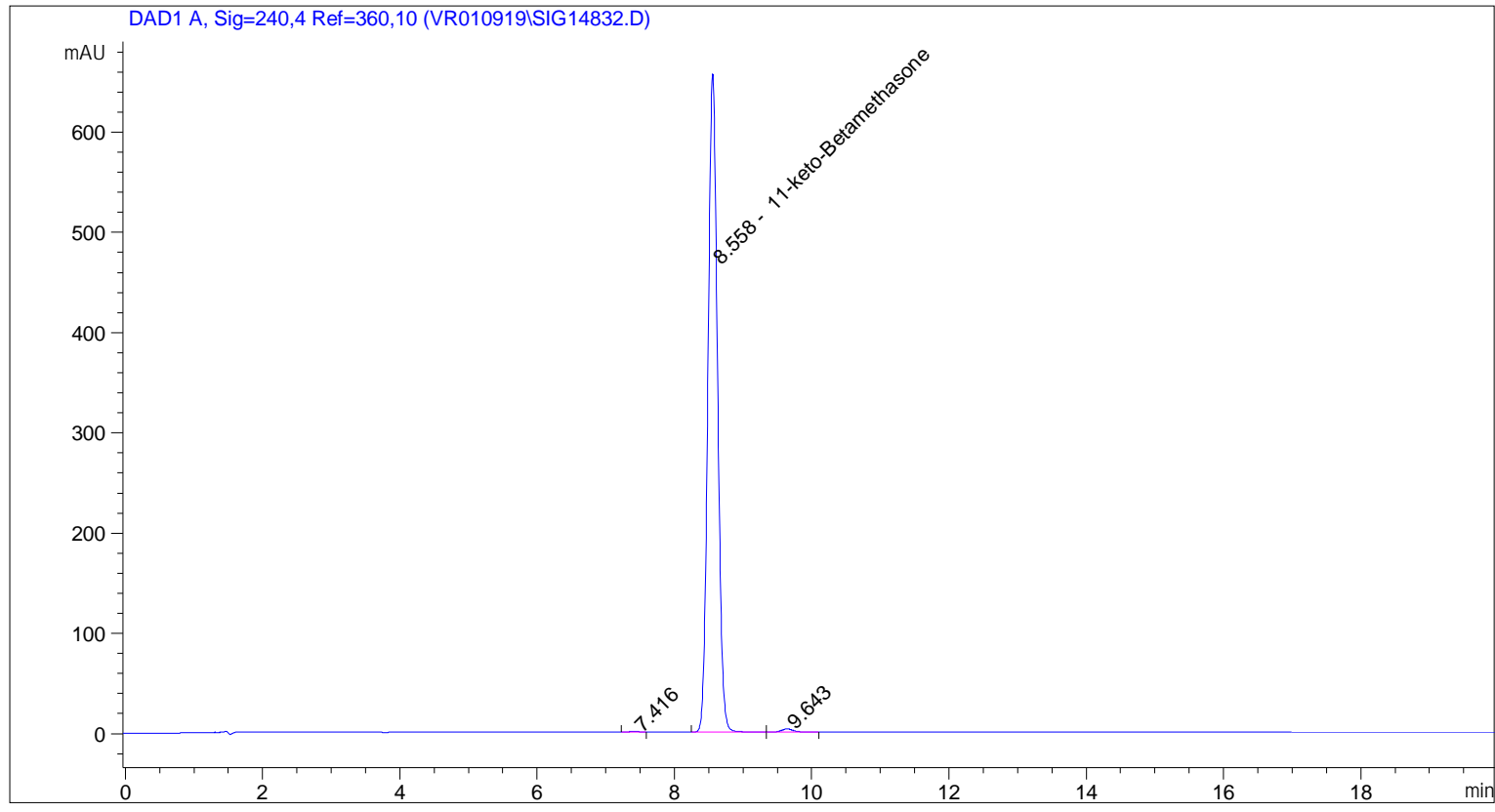


Viorica Rusu, QC/QA Manager

11-Oxo-Betamethasone  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: VR-2-265



=====  
Acq. Operator : vrusu  
Acq. Instrument : Instrument 1 Location : Vial 2  
Injection Date : 3/4/2019 10:59:52 AM Inj Volume : 5.0 µl  
Acq. Method : C:\CHEM32\1\METHODS\VR030419\_265.M  
Last changed : 3/4/2019 10:53:44 AM by vrusu  
(modified after loading)  
Analysis Method : C:\CHEM32\1\METHODS\VR030419\_265PM.M  
Last changed : 3/4/2019 12:26:00 PM by vrusu



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

Sorted By : Signal  
Calib. Data Modified : 3/4/2019 12:25:32 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	7.416	BB	0.1319	6.76406	0.1062	?
2	8.558	BV	0.1483	6325.81494	99.3230	11-keto-Betamethasone
3	9.643	VB	0.1758	36.35532	0.5708	?

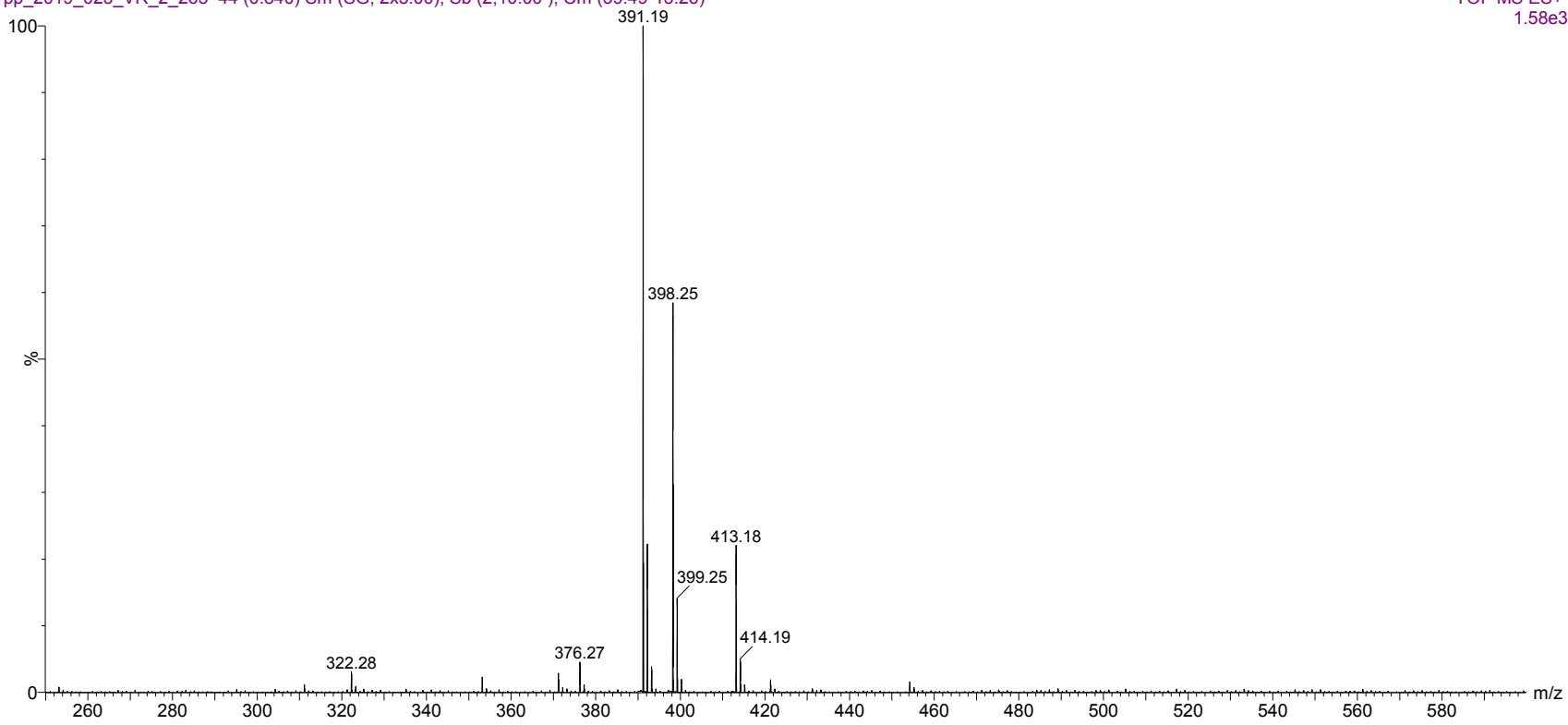
Totals : 6368.93432

=====

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

pp\_2019\_023\_VR\_2\_265 44 (0.840) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (39.49-13:26)

TOF MS ES+  
1.58e3



ESI-MS spectrum for sample VR-2-265. Shows monoisotopic  $[M+H]^+$  mass.