

Name: 24-Ketocholesterol
Lot#: GR-14-165
Test Date: 01/08/2020 (re-test date:01/08/2025)
CAS No.: 17752-16-8
MF: C₂₇H₄₄O₂
MW: 400.65
Appearance: White Solid
Purity: 98.0% by HPLC
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peaks at m/z = 401.38 [M+H]⁺ and 383.35 [M-H₂O+H]⁺)

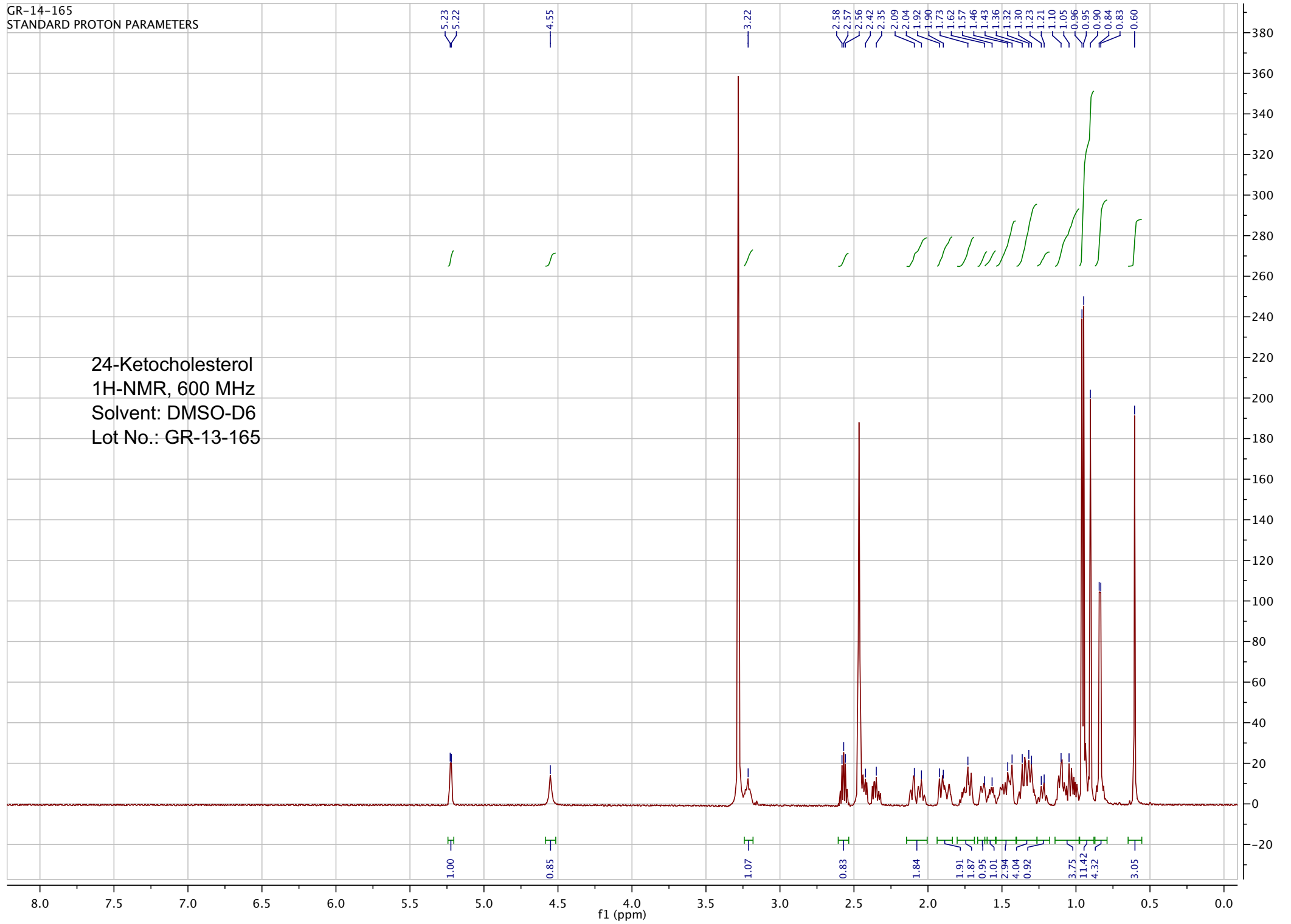
Approved by:

Date: 01/13/2020



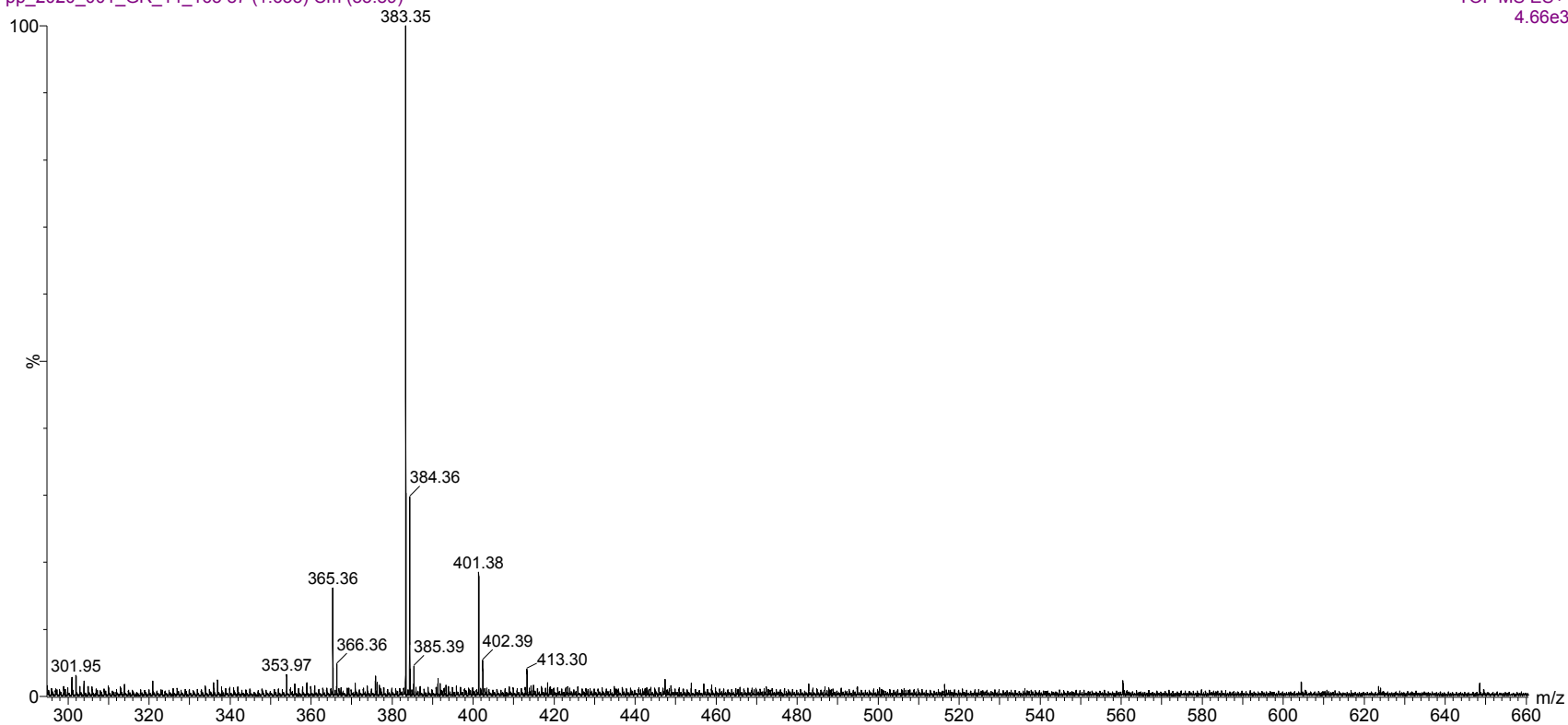
Viorica Rusu, QC/QA Manager

24-Ketocholesterol
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-13-165



pp_2020_001_GR_14_165 87 (1.655) Cm (85:89)

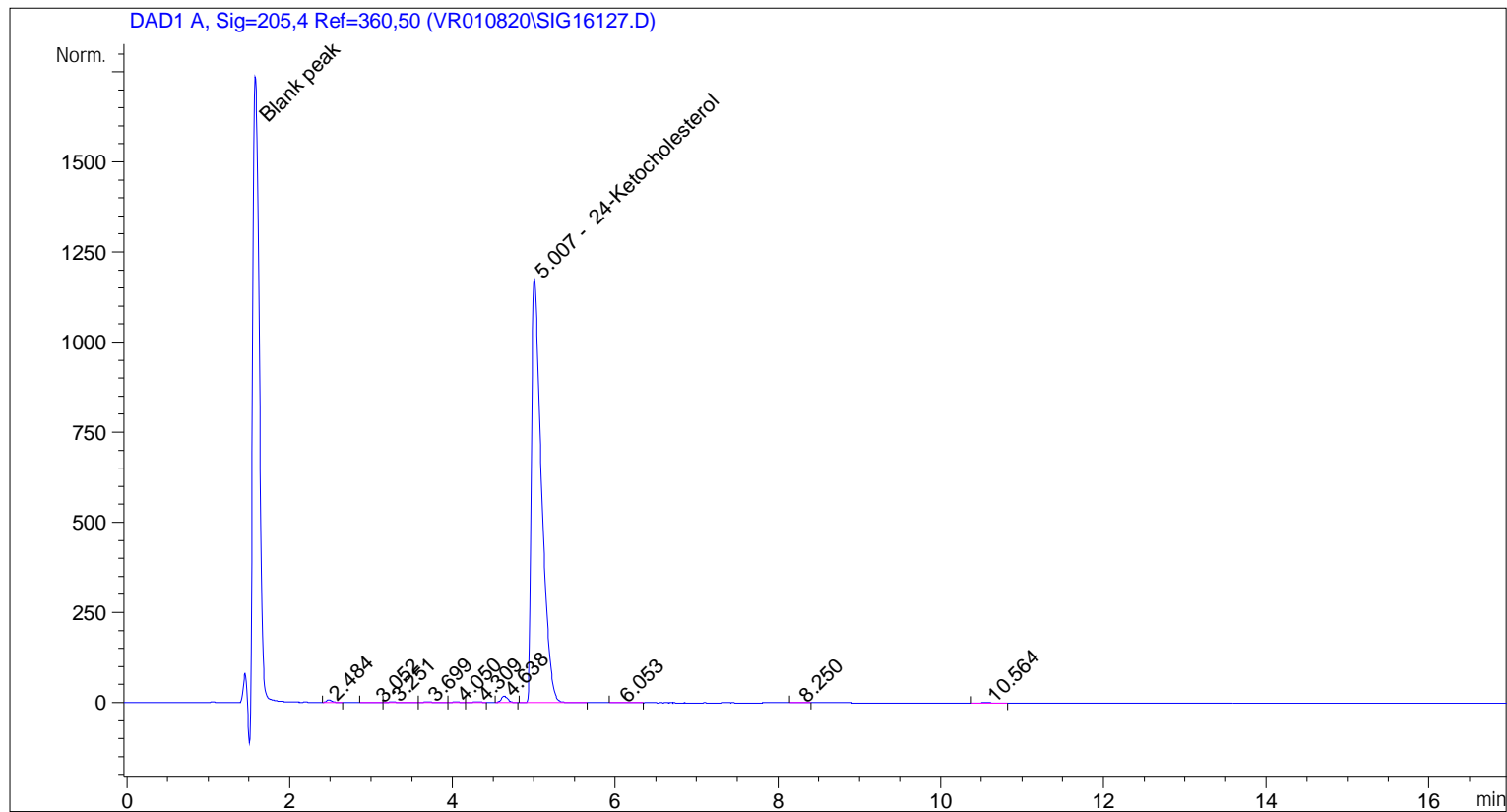
TOF MS ES+
4.66e3



ESI-MS spectrum for sample GR-14-165. Shows monoisotopic $[M+H]^+$ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 91
Injection Date  : 1/8/2020 10:12:59 AM
                                           Inj Volume : 25.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR010820_165.M
Last changed    : 1/8/2020 10:11:33 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR010820_165PM.M
Last changed    : 1/8/2020 11:46:39 AM by vrusu
  
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Area Percent Report

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Sorted By      : Signal
Calib. Data Modified : 1/8/2020 11:45:33 AM
Multiplier:    : 1.0000
Dilution:      : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=205,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.484	VB	0.0700	34.80511	0.3376	?
2	3.052	BB	0.1338	6.82015	0.0661	?
3	3.251	BB	0.1336	11.23485	0.1090	?
4	3.699	BV	0.1343	11.11999	0.1079	?
5	4.050	VV	0.0870	7.90170	0.0766	?
6	4.309	VB	0.0925	11.92314	0.1156	?
7	4.638	BB	0.0865	97.52817	0.9459	?
8	5.007	BB	0.1262	1.01063e4	98.0216	24-Ketocholesterol

Sample Name: GR-14-165

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	6.053	BB	0.1311	6.91814	0.0671	?
10	8.250	BB	0.1062	5.25455	0.0510	?
11	10.564	BB	0.1435	10.47151	0.1016	?

Totals : 1.03103e4

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*** End of Report ***