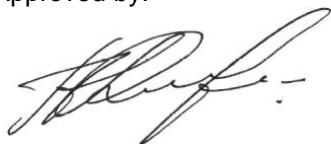


**Name:** 24-Methylenecholesterol  
**Lot#:** GR-6-031  
**Test Date:** 03/18/2020 (re-test date: 03/18/2025)  
**CAS No.:** 474-63-5  
**MF:** C<sub>28</sub>H<sub>46</sub>O  
**MW:** 398.68  
**Appearance:** White Solid  
**Purity:** 98.1% by HPLC  
**<sup>1</sup>H-NMR:** Conforms  
**MS-ESI (+)** Conforms (shows peaks at m/z = 399.22 [M+H]<sup>+</sup>)

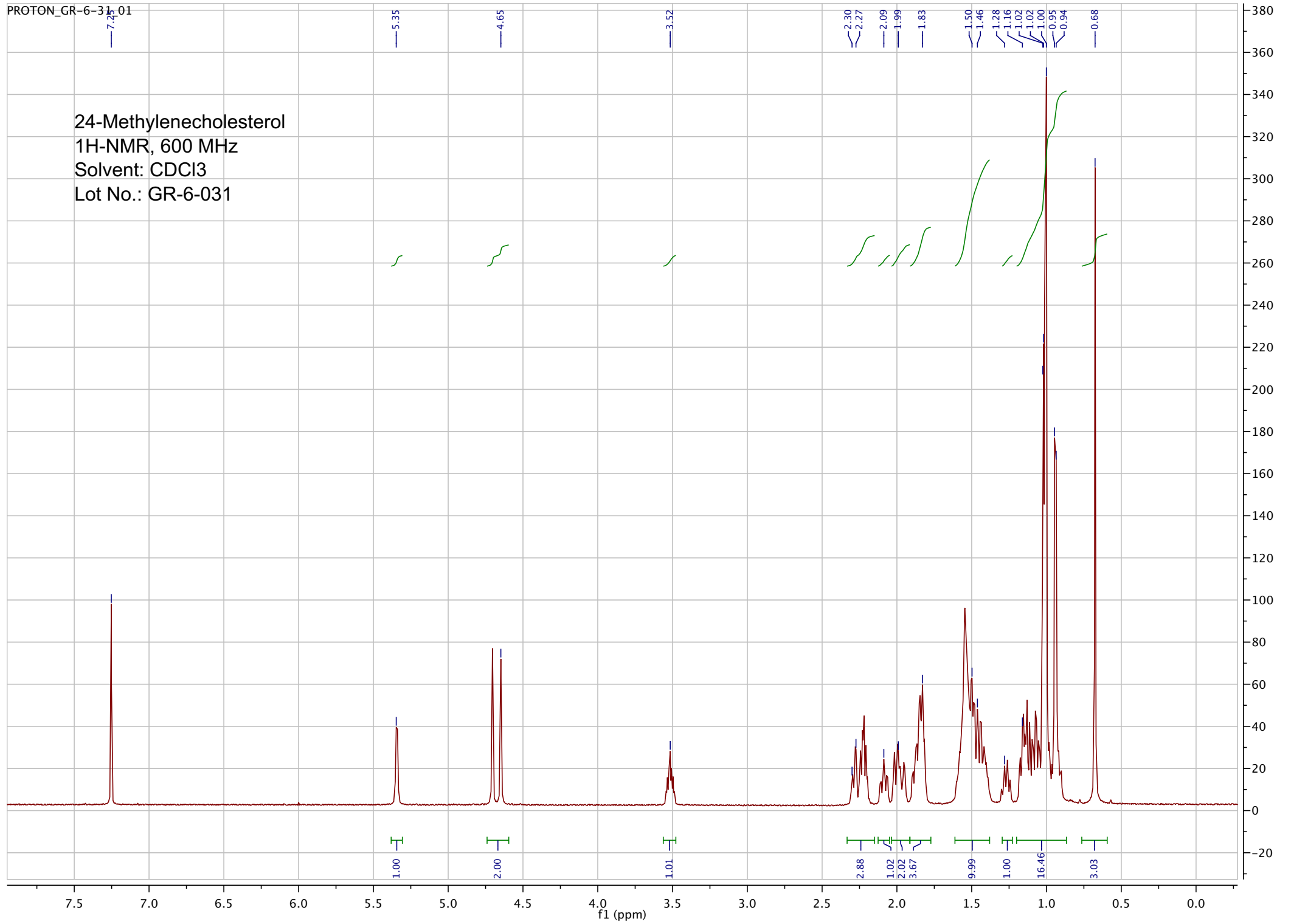
Approved by:

Date: 03/18/2020



Viorica Rusu, QC/QA Manager

24-Methylenecholesterol  
1H-NMR, 600 MHz  
Solvent: CDCl3  
Lot No.: GR-6-031



20-Feb-2020, 18:15:52

TOF MS ES+

586

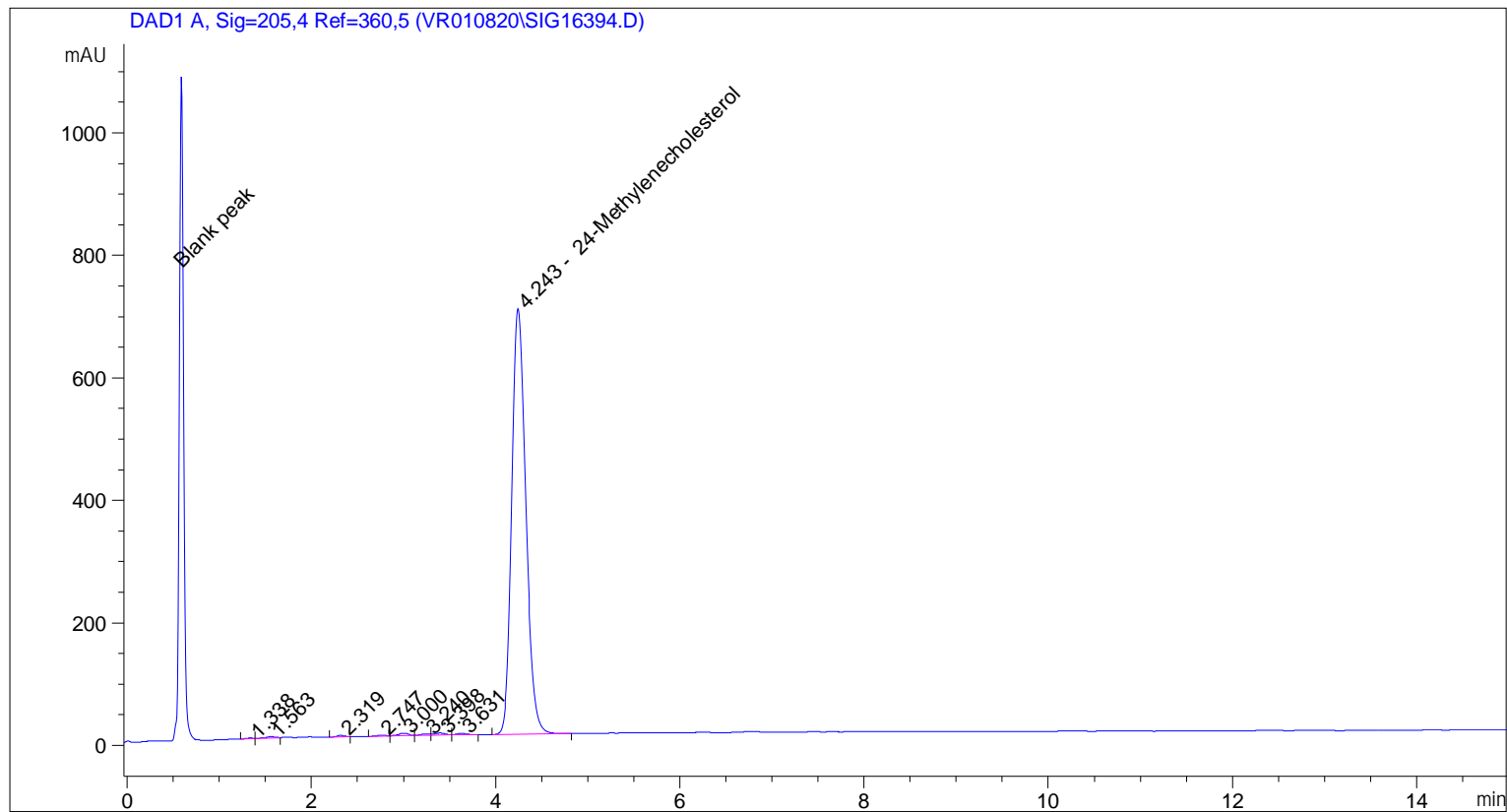
pp\_2020\_009\_GR\_6\_031\_30 (0.574) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (30:32-69:78)



ESI-MS spectrum for sample GR-6-031. Shows monoisotopic  $[M+H]^+$  mass.

```

=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 98
Injection Date  : 3/18/2020 10:13:56 AM
                                           Inj Volume : 20.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR031820_031.M
Last changed    : 3/18/2020 10:12:32 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031820_031PM.M
Last changed    : 3/18/2020 10:34:35 AM by vrusu
  
```



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

```

Sorted By           :      Signal
Calib. Data Modified :      3/18/2020 10:33:36 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=205,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	1.338	BV	0.0740	6.49687	0.0869	?
2	1.563	VV	0.1124	21.13630	0.2826	?
3	2.319	BV	0.0934	14.01665	0.1874	?
4	2.747	BV	0.1161	8.98719	0.1201	?
5	3.000	VB	0.1171	29.42213	0.3933	?
6	3.240	BV	0.1057	14.97629	0.2002	?
7	3.398	VV	0.1232	27.41106	0.3664	?
8	3.631	VB	0.1291	17.54068	0.2345	?

Sample Name: GR-6-031

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	4.243	BB	0.1632	7340.20313	98.1286	24-Methylenecholesterol

Totals : 7480.19031

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