

<b>Name:</b>	<b>24-Nor Ursodeoxycholic Acid-D4 (major)</b>
<b>Lot#:</b>	GR-16-269
<b>Test Date:</b>	01/25/2022 (re-test date: 01/25/2027)
<b>CAS No.:</b>	99697-24-2 (unlabeled)
<b>MF:</b>	C <sub>23</sub> H <sub>34</sub> D <sub>4</sub> O <sub>4</sub>
<b>MW:</b>	382.57
<b>Appearance:</b>	White solid
<b>Purity:</b>	>95% by NMR; >98% atom D
<b><sup>1</sup>H-NMR:</b>	Conforms
<b>MS-ESI (-)</b>	Conforms (shows peak at m/z = 381.29 [M-H] <sup>-</sup> )
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

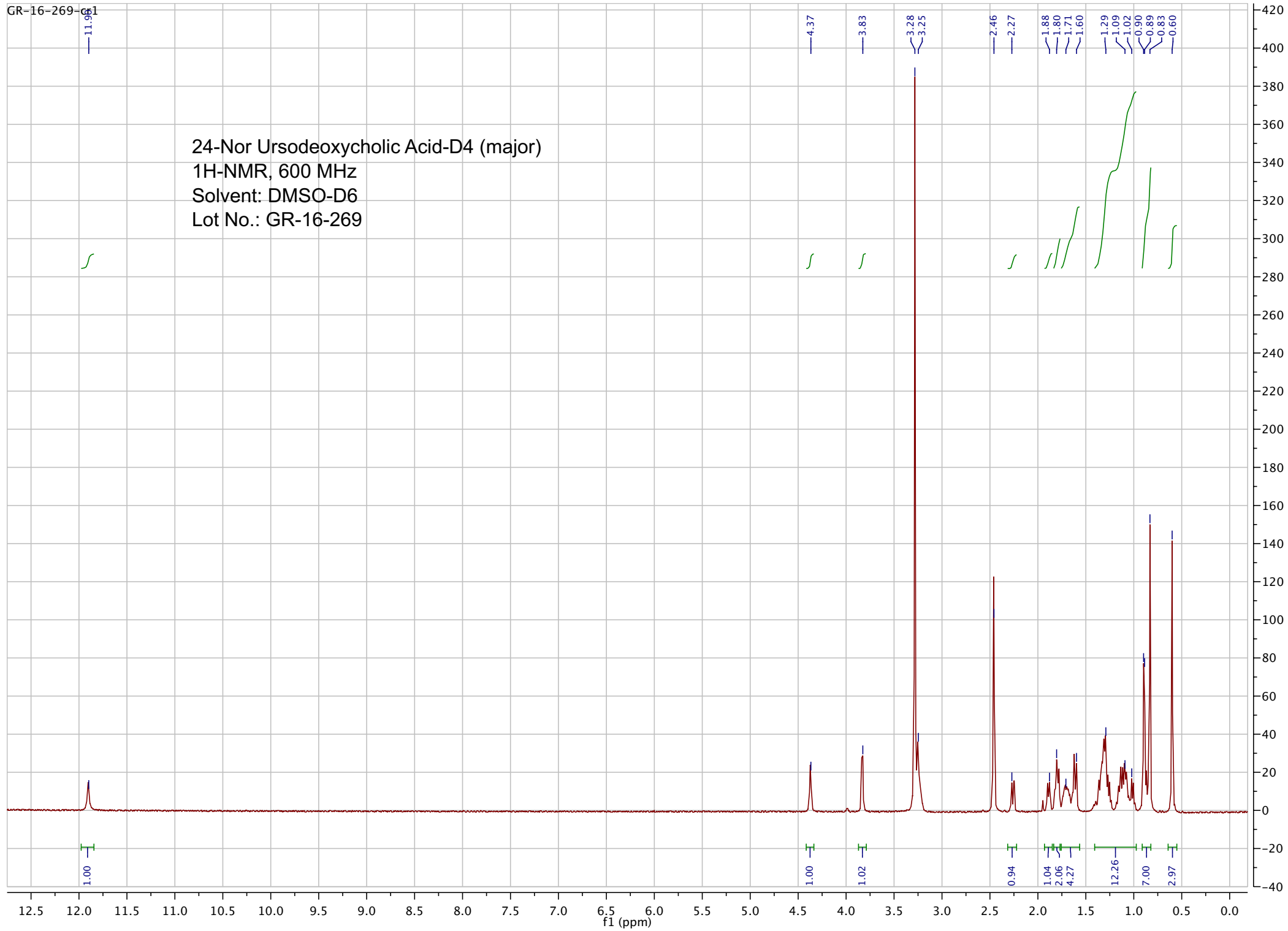
Approved by:

Date: 01/25/2022



Viorica Rusu, QC/QA Manager

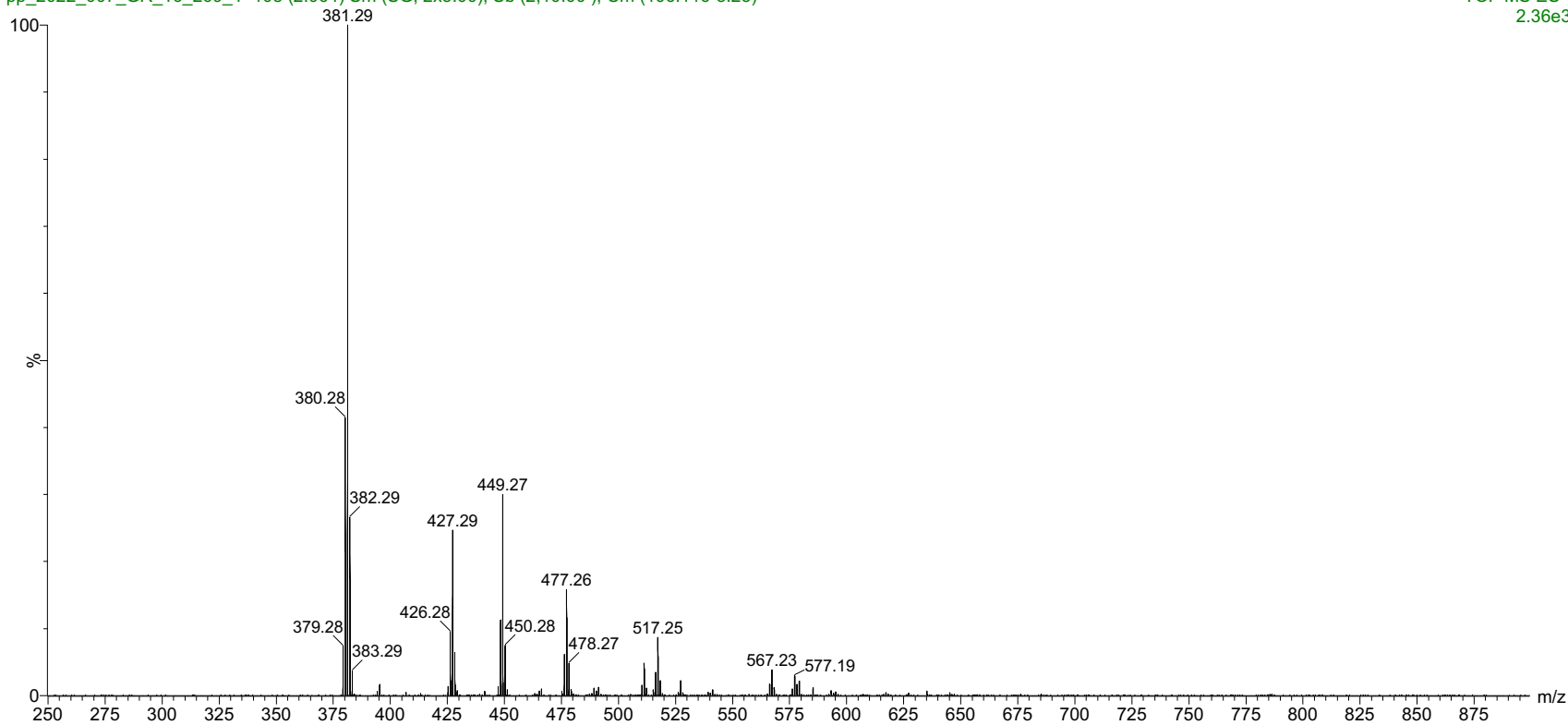
24-Nor Ursodeoxycholic Acid-D4 (major)  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-16-269



25-Jan-2022, 14:14:53

TOF MS ES-  
2.36e3

pp\_2022\_007\_GR\_16\_269\_1 108 (2.064) Sm (SG, 2x5.00); Sb (2,10.00); Cm (106:116-3:23)

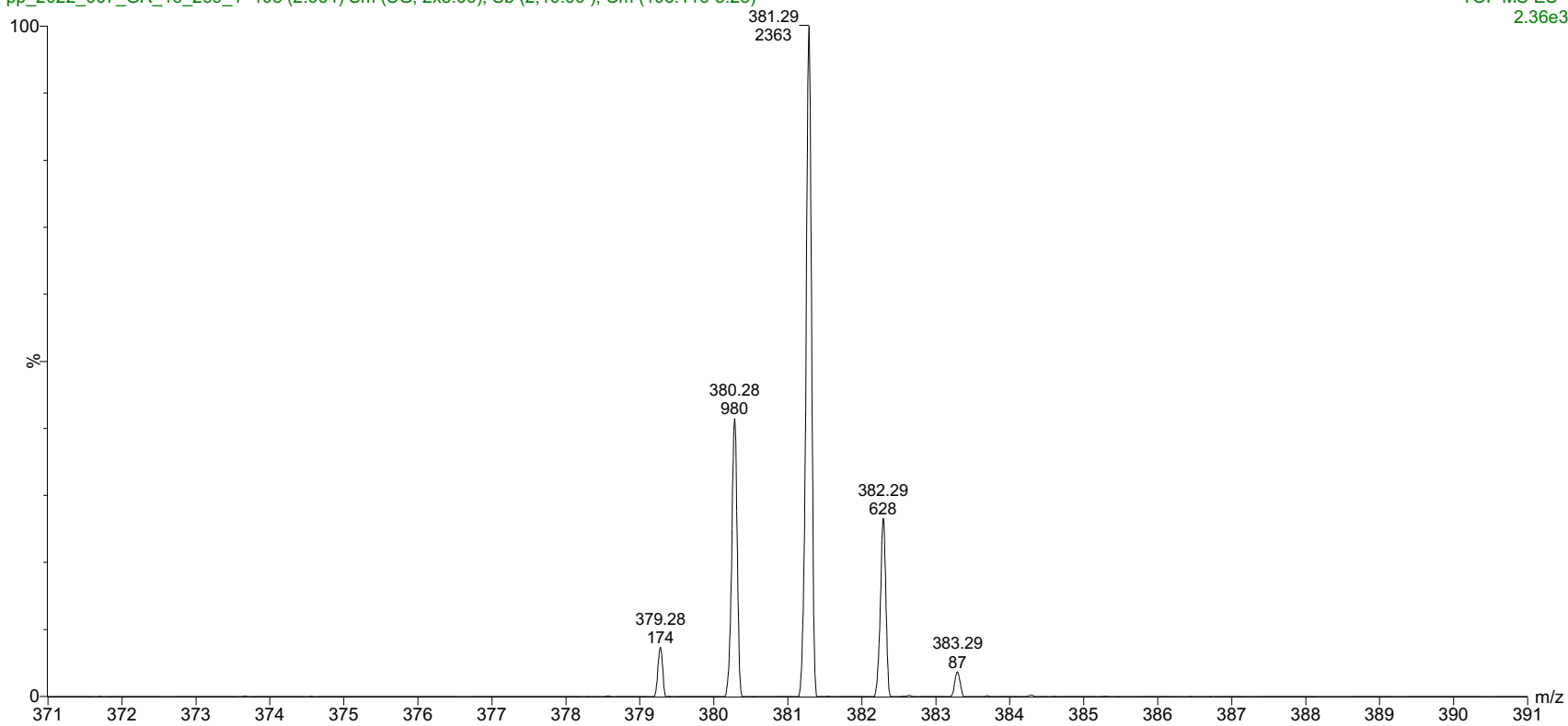


ESI-MS data for sample GR-16-269. Shows monoisotopic [M-H]- mass.

25-Jan-2022, 14:14:53

TOF MS ES-  
2.36e3

pp\_2022\_007\_GR\_16\_269\_1 108 (2.064) Sm (SG, 2x5.00); Sb (2,10.00); Cm (106:116-3:23)



Expansion of above showing intensity labels.