

<b>Name:</b>	<b>3β-Ursodeoxycholic Acid-D4</b>
<b>Lot#:</b>	GR-10-257
<b>Test Date:</b>	11/15/2022 (re-test date: 11/15/2027)
<b>CAS No.:</b>	78919-26-3 (unlabeled)
<b>MF:</b>	C <sub>24</sub> H <sub>36</sub> D <sub>4</sub> O <sub>4</sub>
<b>MW:</b>	396.6
<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 = 395.30 [M-H] <sup>-</sup> )
<b>Storage</b>	Store at -18°C in a dry place away from direct sunlight

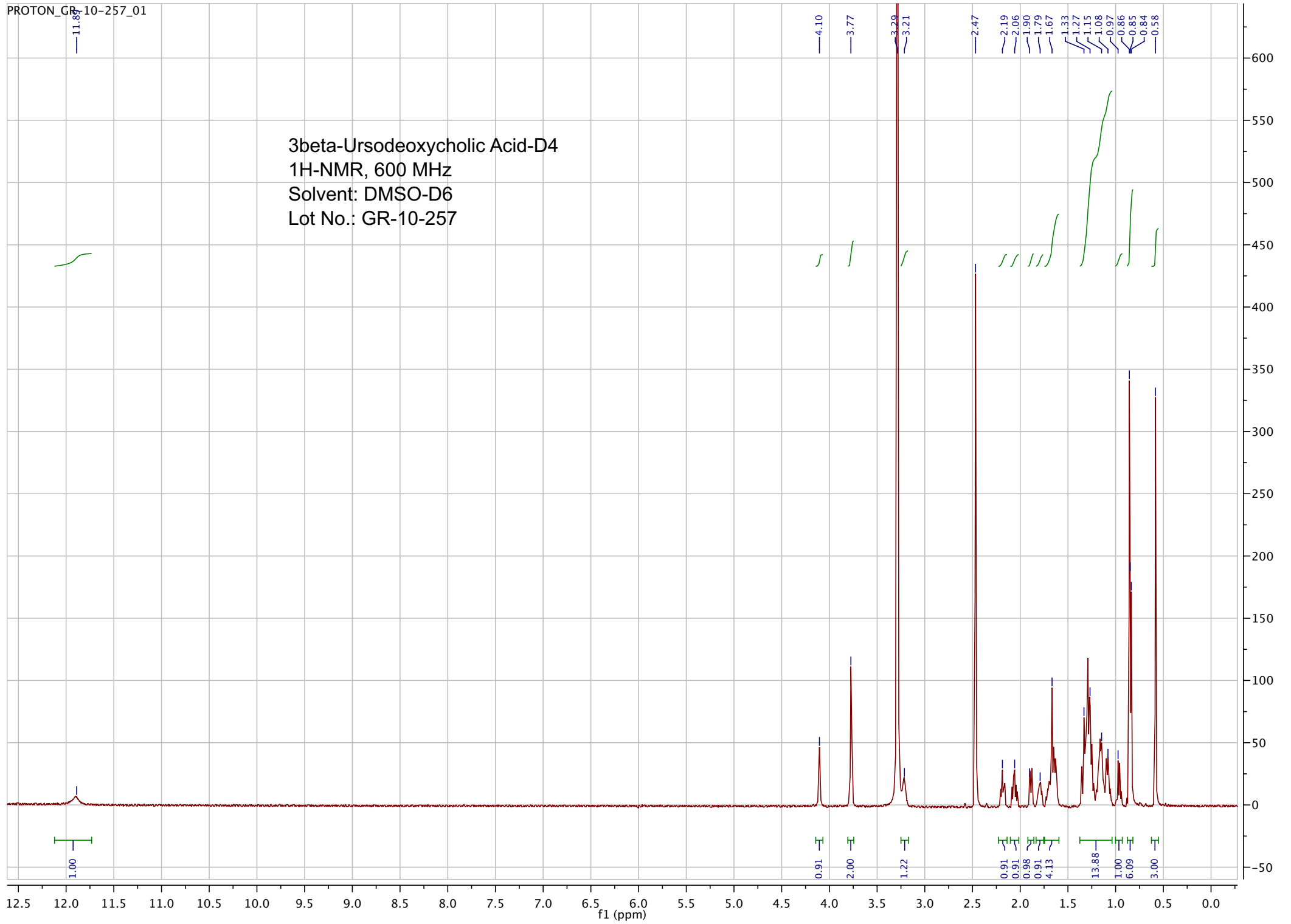
Approved by:

Date: 11/15/2022



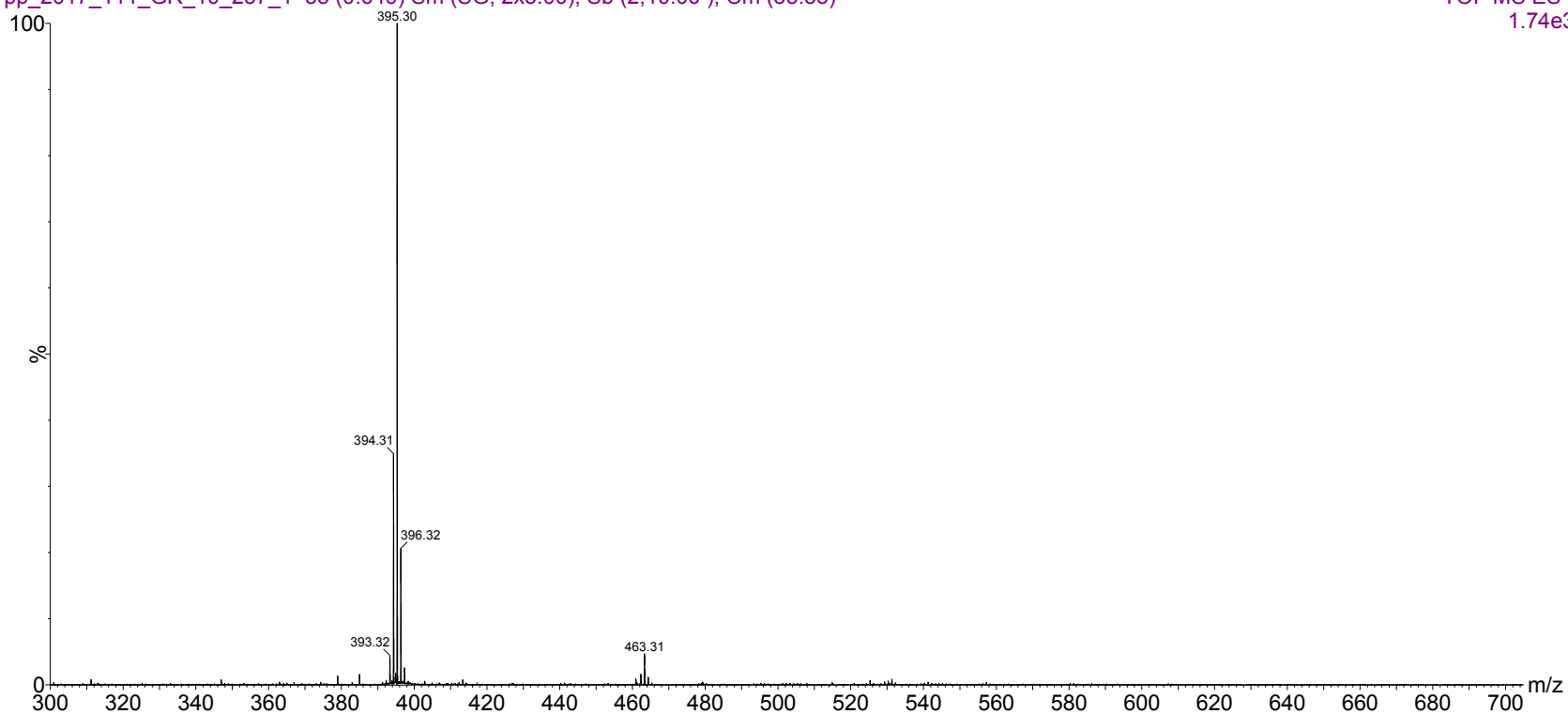
Viorica Rusu, QC/QA Manager

3beta-Ursodeoxycholic Acid-D4  
1H-NMR, 600 MHz  
Solvent: DMSO-D6  
Lot No.: GR-10-257



pp\_2017\_111\_GR\_10\_257\_1 35 (0.649) Sm (SG, 2x5.00); Sb (2,10.00 ); Cm (33:35)

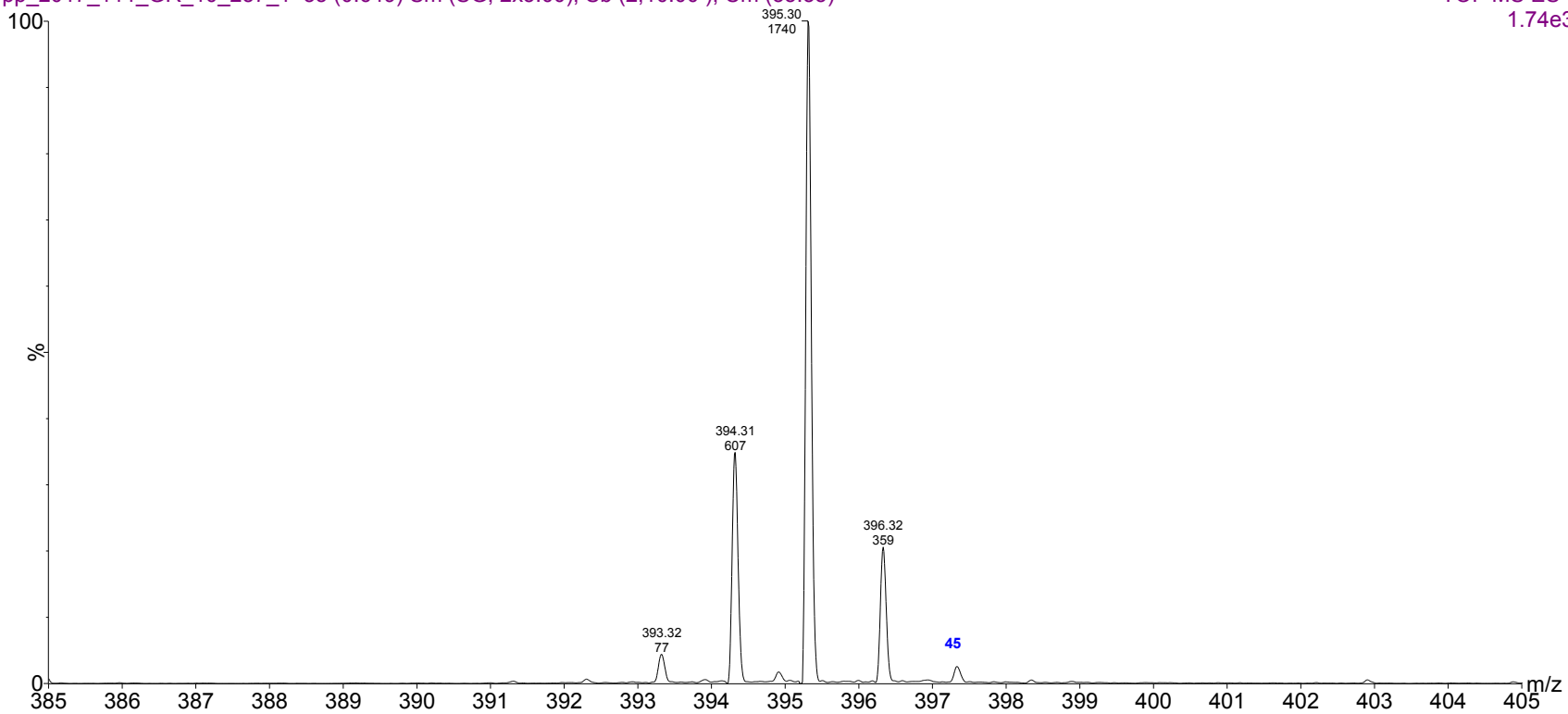
TOF MS ES-  
1.74e3



ESI-MS spectrum for sample GR-10-257. Shows monoisotopic [M-H]- mass.

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TOF MS ES-  
1.74e3



Expansion of above.