

Name:	Memantine-D6 HCl
Lot#:	GR-16-199
Test Date:	10/21/2021 (re-test date: 10/21/2026)
CAS No.:	1189713-18-5
MF:	C ₁₂ H ₁₆ D ₆ ClN
MW:	221.89
Appearance:	White solid
Purity:	98.0% by NMR; 98.5% atom D by NMR
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 186.33 [M _{free base} +H] ⁺)
Storage	Store at 0-5°C in a dry place away from direct sunlight

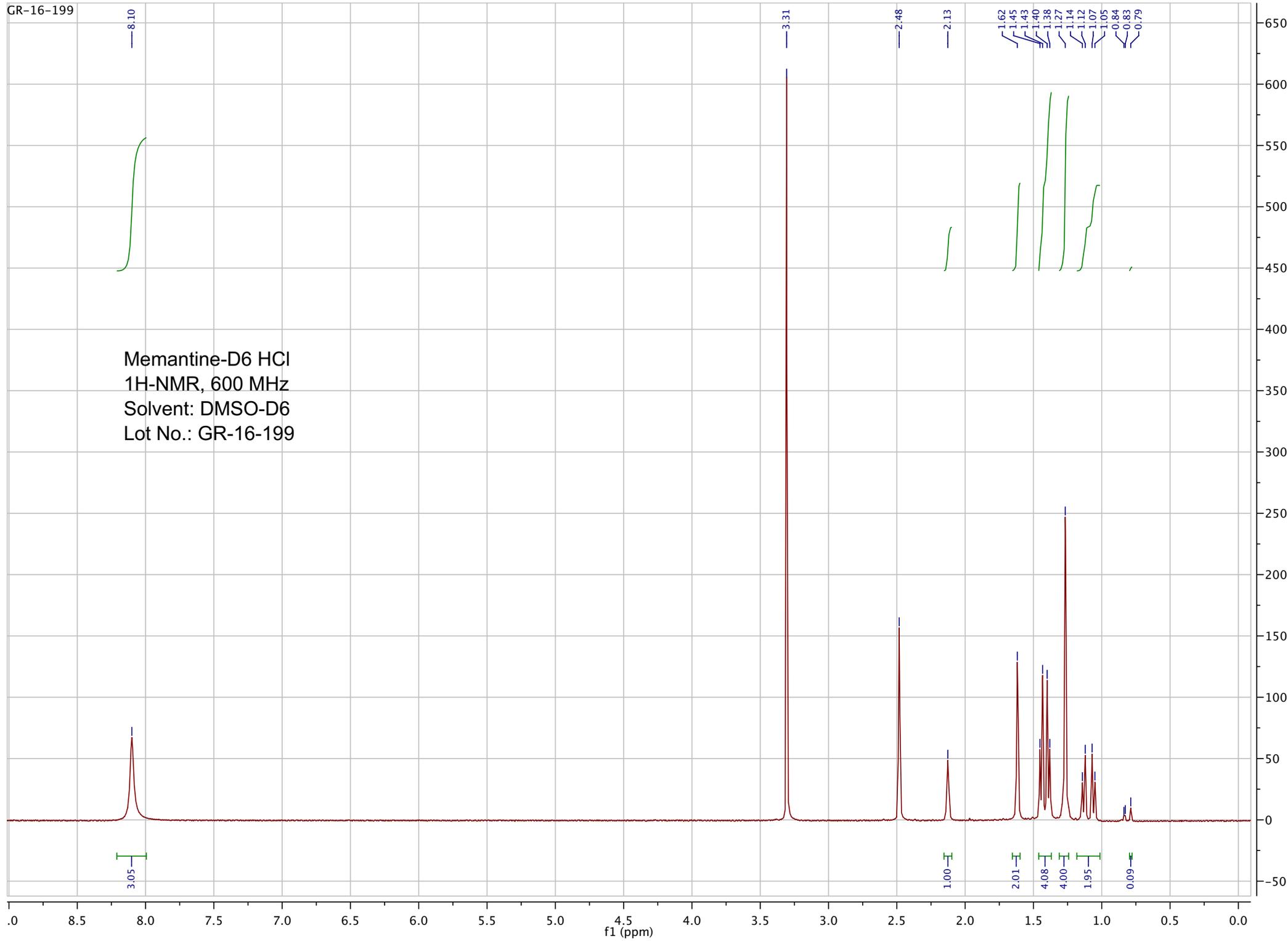
Approved by:

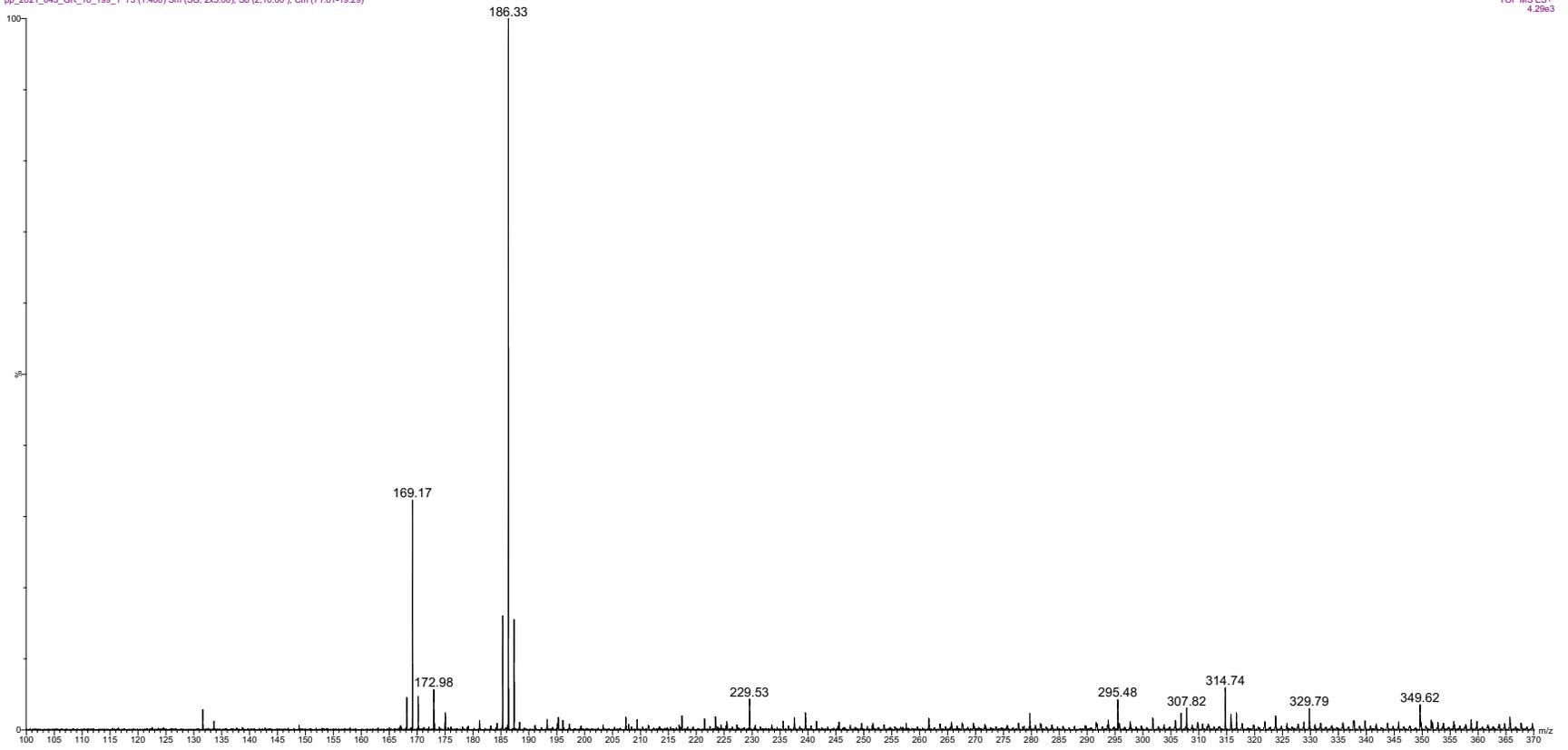
Date: 10/22/2021



Viorica Rusu, QC/QA Manager

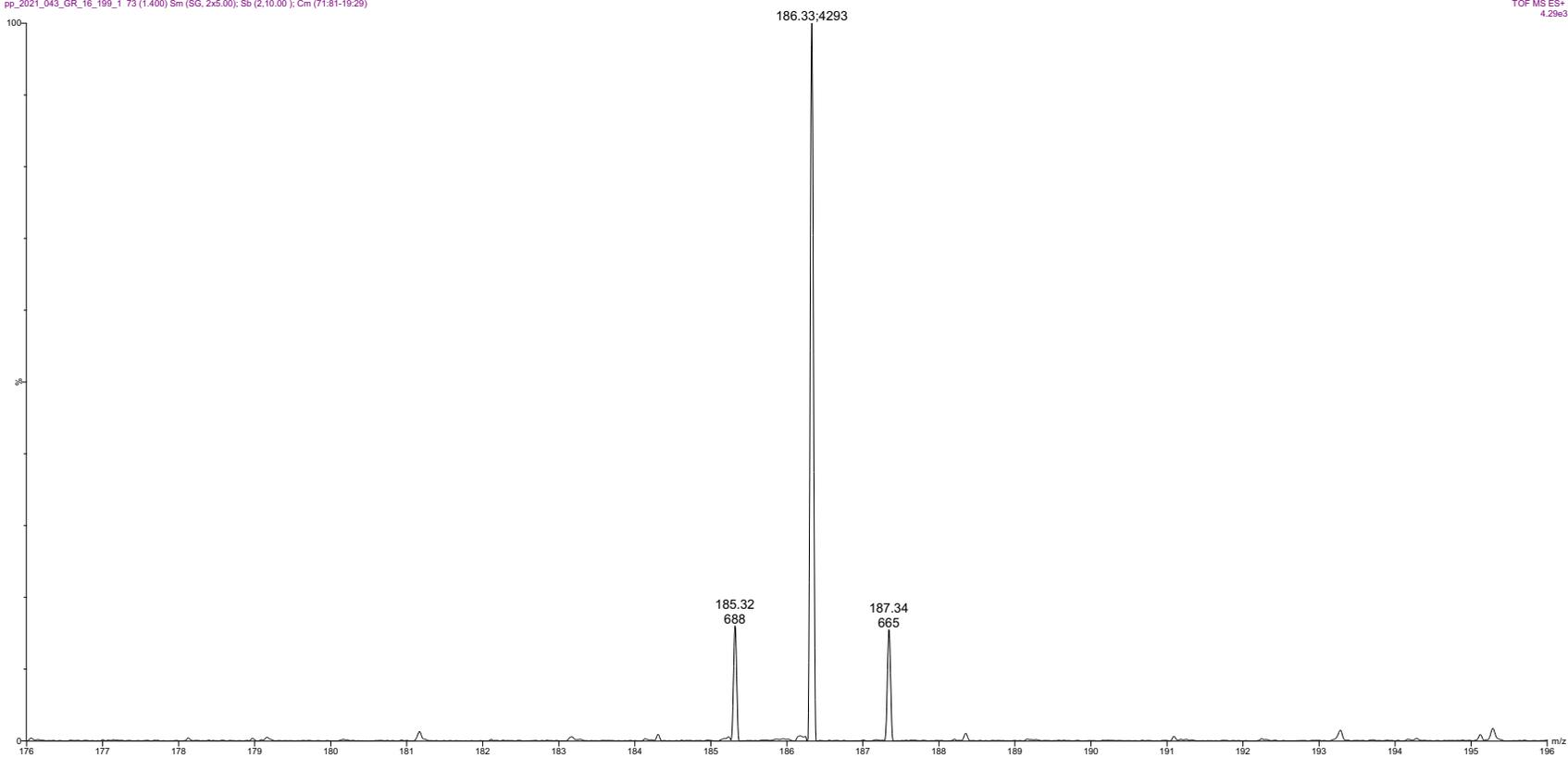
Memantine-D6 HCl
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-16-199





ESI-MS spectrum for sample GR-16-199. Shows monoisotopic $[M+H]^+$ mass.

pp_2021_043_GR_16_199_1 73 (1.400) Sm (SG, 2x5.00); Sb (2,10.00); Cm (71:81-19:29)



Expansion of above showing intensity labels.