

Name:	3β-Deoxycholic Acid
Lot#:	GR-19-031
Test Date:	12/07/2023 (re-test date: 12/07/2028)
CAS No.:	570-63-8
MF:	C ₂₄ H ₄₀ O ₄
MW:	392.58
Appearance:	White solid
Purity:	>97% by NMR; TLC – one spot (eluent EtOAc)
¹H-NMR:	Conforms
MS-DART (-)	Conforms (shows peak at m/z = 391.3 [M-H] ⁻)
Storage	Store at 0-5°C in a dry place away from direct sunlight

Approved by:

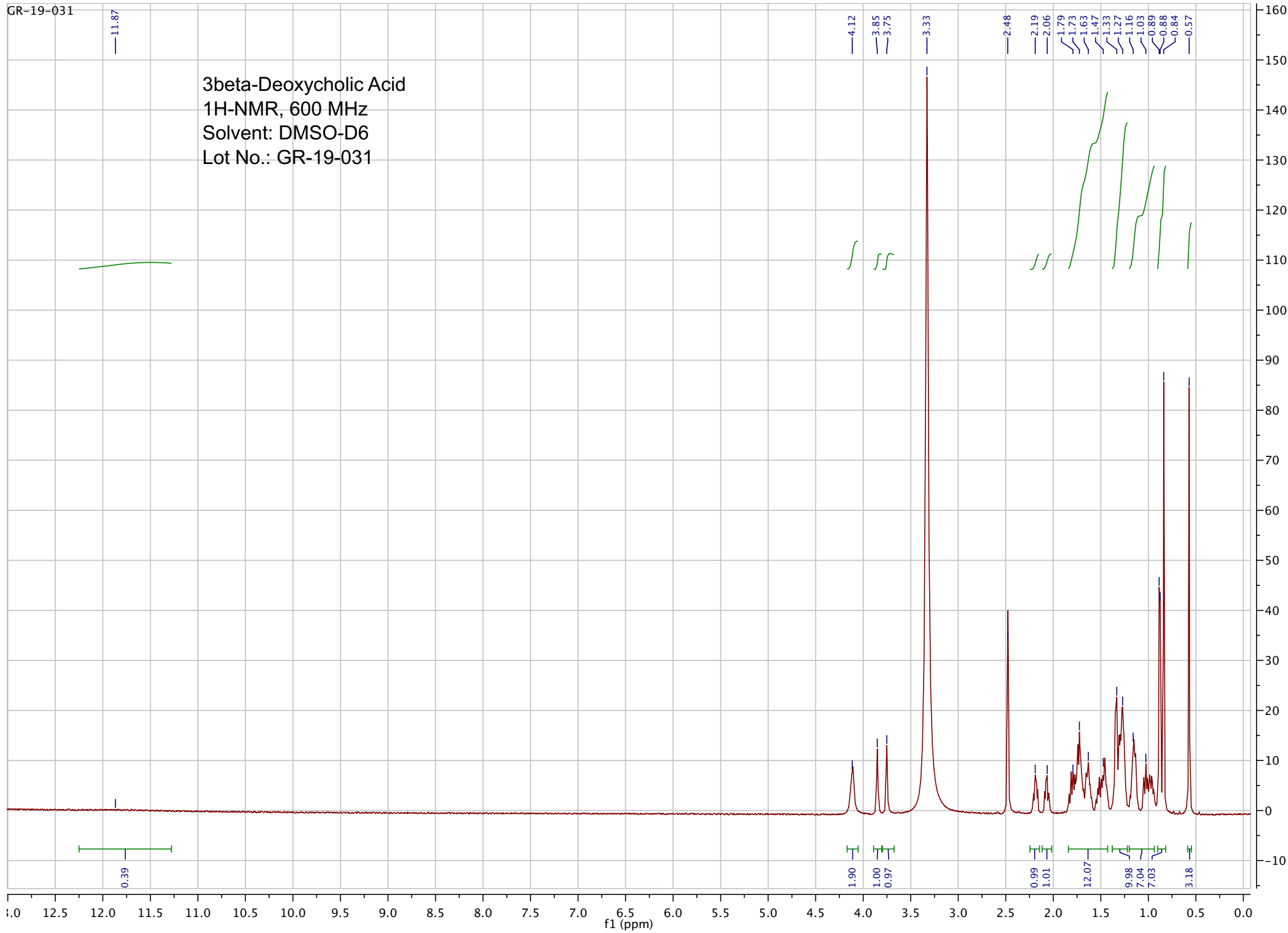
Date: 12/08/2023



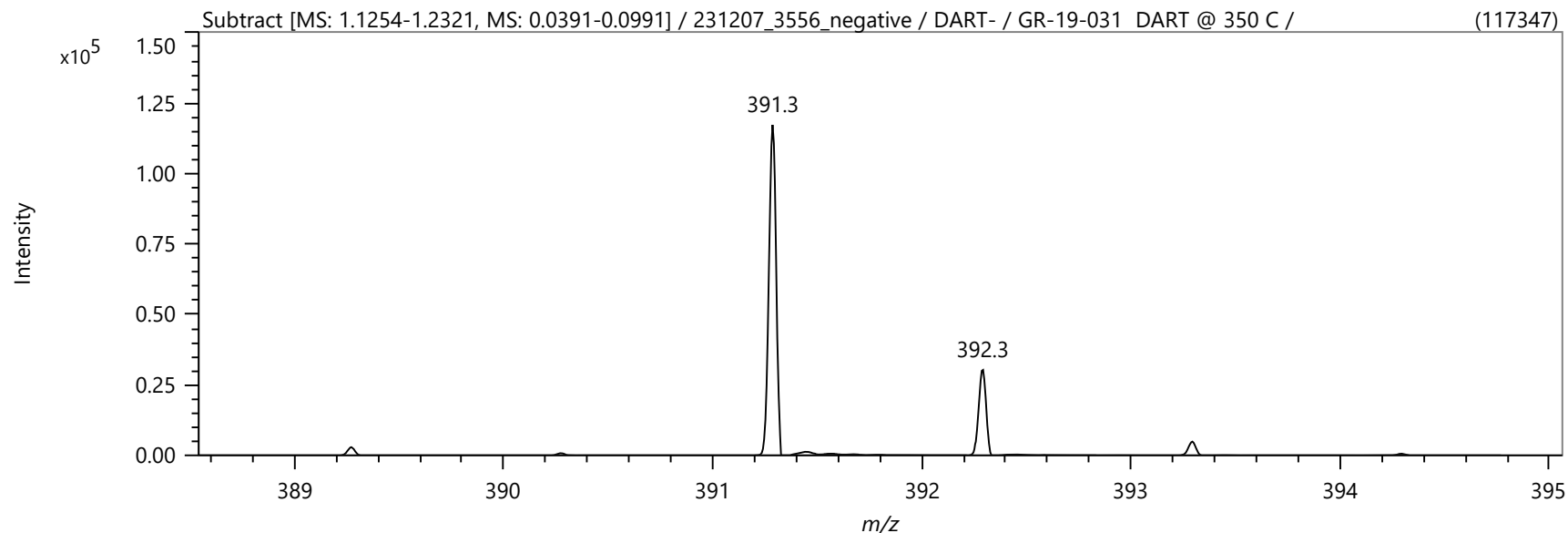
Viorica Rusu, QC/QA Manager

GR-19-031

3beta-Deoxycholic Acid
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-19-031



Spectrum



Elemental Composition

Parameters

Tolerance: ±10.00 ppm
 Electron: Even
 Charge: -1
 DBE: -1.5 - 100.0

Elements Set 1:

Symbol	C	H	O	N
Min	0	0	0	0
Max	100	200	20	10

Results

Mass	Intensity	Formula	Calculated Mass	Mass Difference [mDa]	Mass Difference [ppm]	DBE
391.28547	117346.72	C24 H39 O4	391.28538	0.09	0.22	5.5
		C25 H35 N4	391.28672	-1.25	-3.20	10.5
		C20 H35 N6 O2	391.28270	2.77	7.08	6.5

