

Name:	S-(-)-Carbidopa-D3 (ring)
Lot#:	GR-8-195
Test Date:	03/10/2021 (re-test date: 03/10/2026)
CAS No.:	28860-95-9 (unlabelled)
MF:	C ₁₀ H ₁₁ D ₃ N ₂ O ₄
MW:	229.25
Appearance:	White solid
Purity:	99.8% by HPLC (average of two sample preparations); >98% atom D
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 230.14 [M +H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

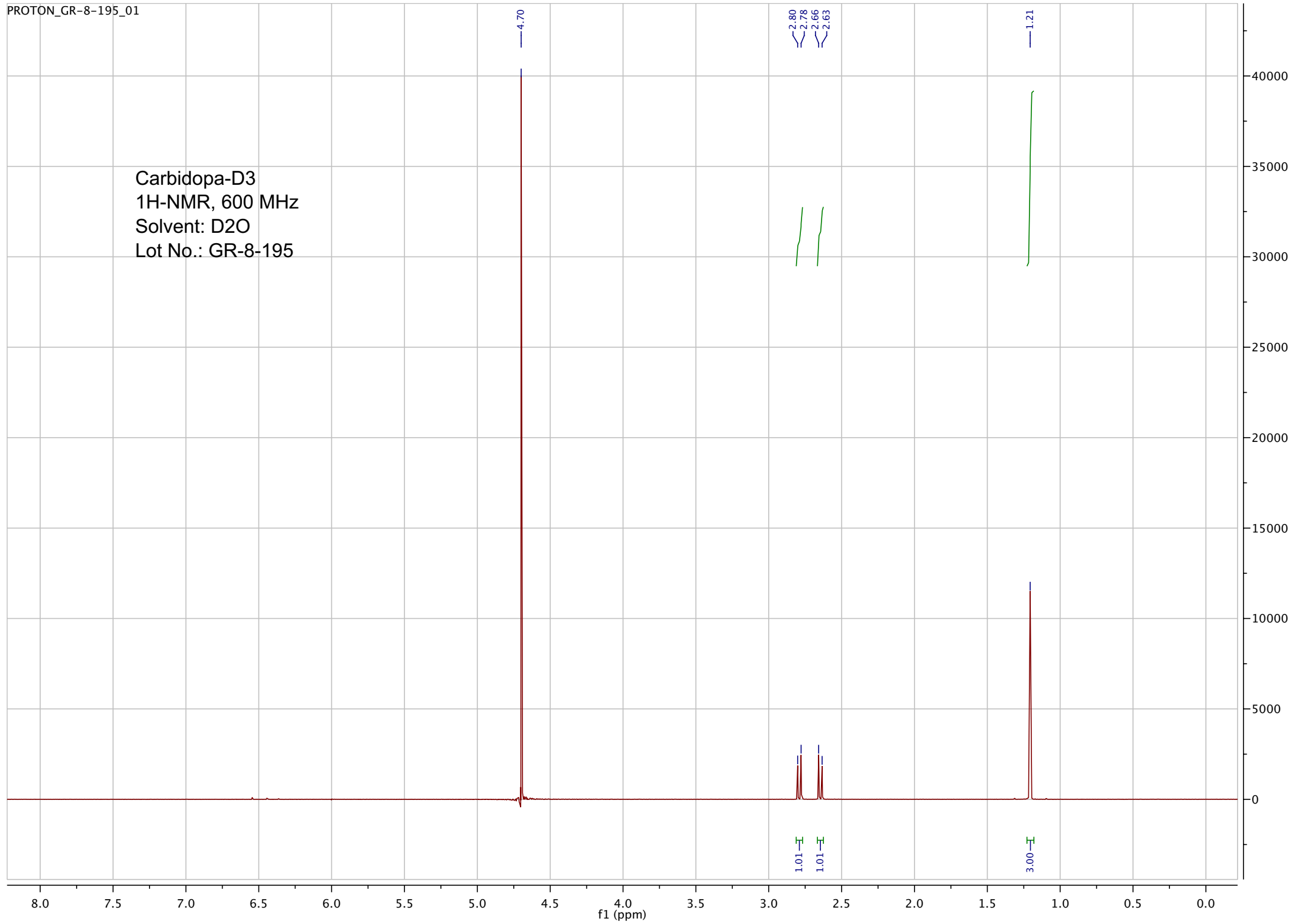
Approved by:

Date: 03/11/2021



Viorica Rusu, QC/QA Manager

Carbidopa-D3
1H-NMR, 600 MHz
Solvent: D2O
Lot No.: GR-8-195



pp_2016_070_GR_8_195 85 (1.575) Sm (SG, 2x5.00); Sb (2,10.00); Cm (85:91-25:31)

7.0000000

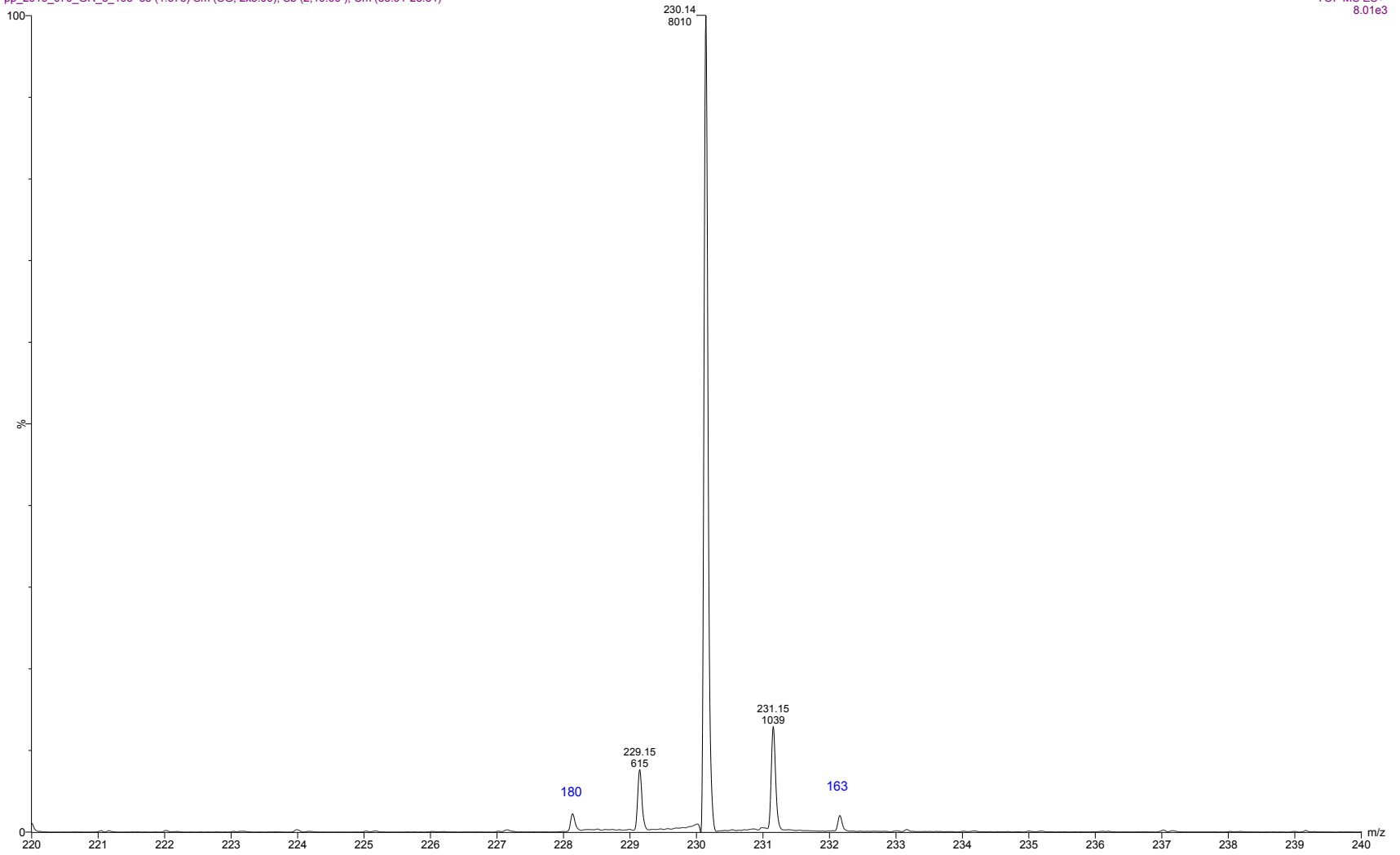
08-Aug-2016, 15:35:44
TOF MS ES+
8.01e3



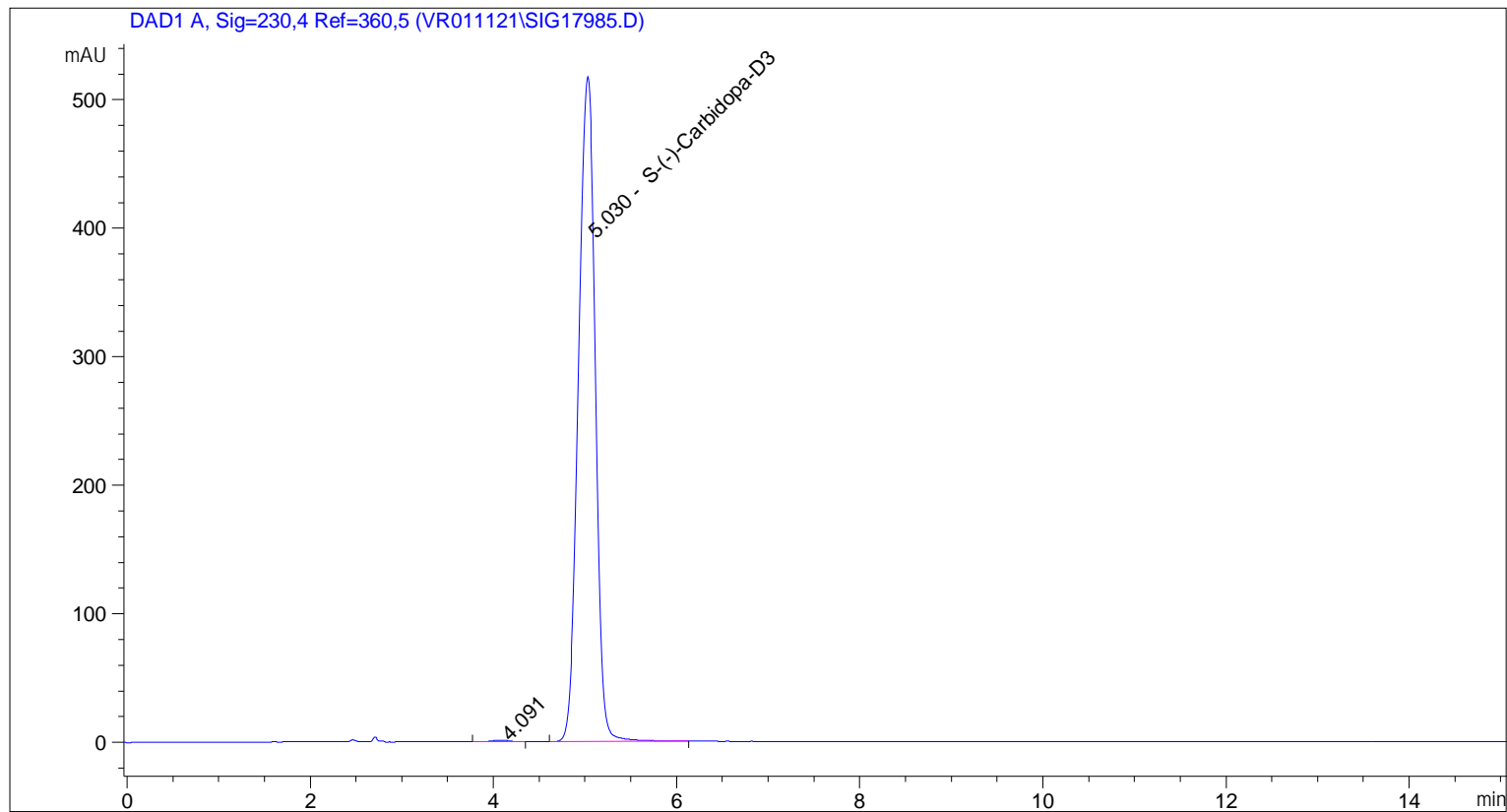
pp_2016_070_GR_8_195 85 (1.575) Sm (SG, 2x5.00); Sb (2,10.00); Cm (85:91-25:31)

7.0000000

08-Aug-2016, 15:35:44
TOF MS ES+
8.01e3



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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 37
Injection Date : 3/10/2021 10:41:52 AM Inj Volume : 15.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR031021_195.M
Last changed : 3/10/2021 10:40:34 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031021_195PM.M
Last changed : 3/10/2021 1:13:28 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 3/10/2021 1:12:10 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

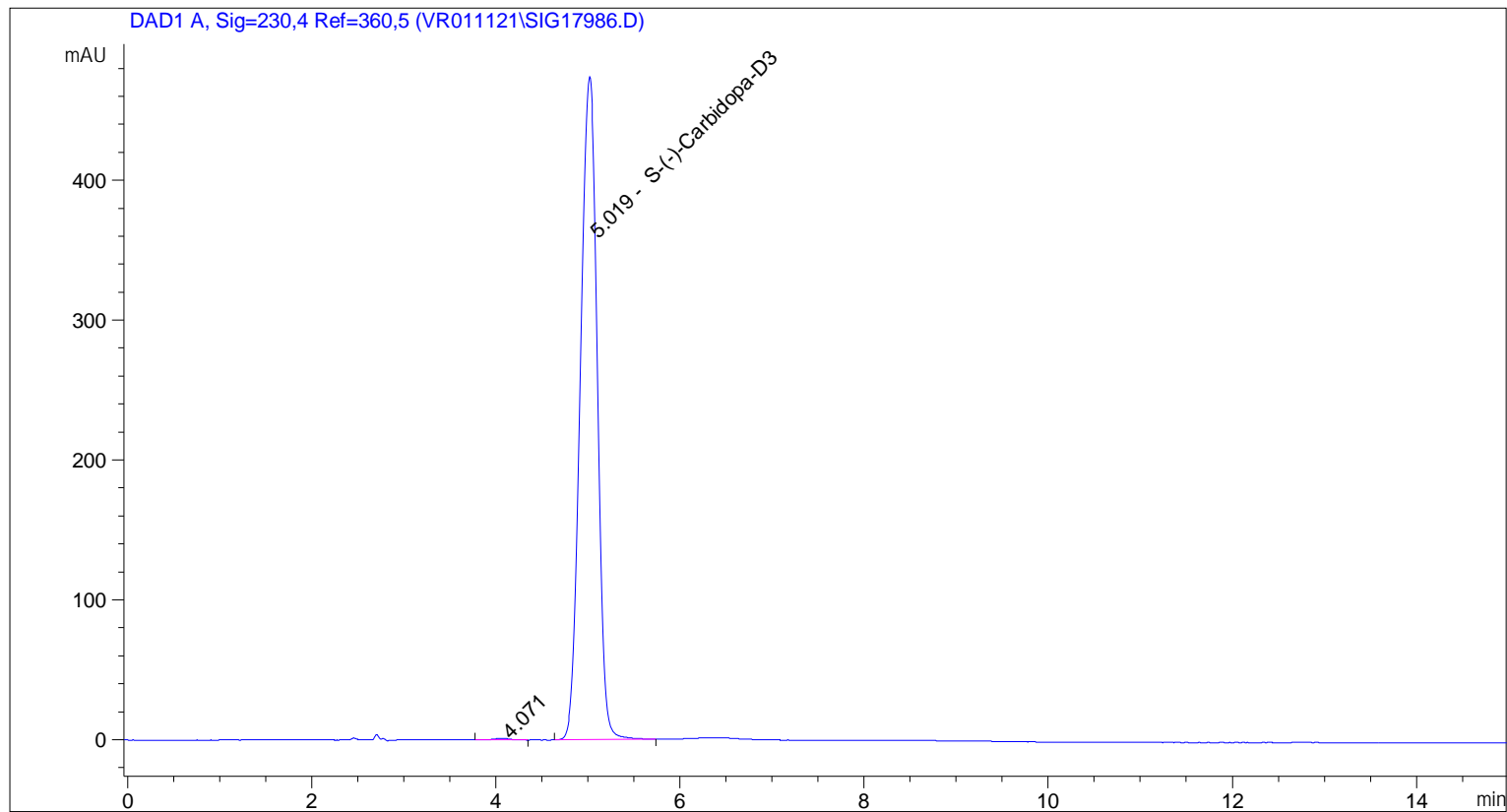
Signal 1: DAD1 A, Sig=230,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.091	BB	0.1894	15.89720	0.2395	?
2	5.030	BB	0.2054	6622.59033	99.7605	S-(-)-Carbidopa-D3

Totals : 6638.48754

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 38
Injection Date : 3/10/2021 12:11:16 PM Inj Volume : 15.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR031021_195.M
Last changed : 3/10/2021 12:09:59 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR031021_195PM.M
Last changed : 3/10/2021 1:13:28 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 3/10/2021 1:12:10 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=230,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.071	BB	0.1926	13.28144	0.2189	?
2	5.019	BB	0.2071	6054.24561	99.7811	S-(-)-Carbidopa-D3

Totals : 6067.52705

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*** End of Report ***