

Name:	erythro-Dihydro Bupropion HCl
Lot#:	GR-10-143
Test Date:	05/24/2022 (re-test date: 05/24/2027)
CAS No.:	80478-43-9
MF:	C ₁₃ H ₂₁ Cl ₂ NO
MW:	278.22
Appearance:	White solid
Purity:	99.9% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peak at m/z = 242.18, 244.18 [M _(free base) +H] ⁺ , shows expected isotope pattern for mono-chloro compound)
Storage	Store at 0-8°C in a dry place away from direct sunlight

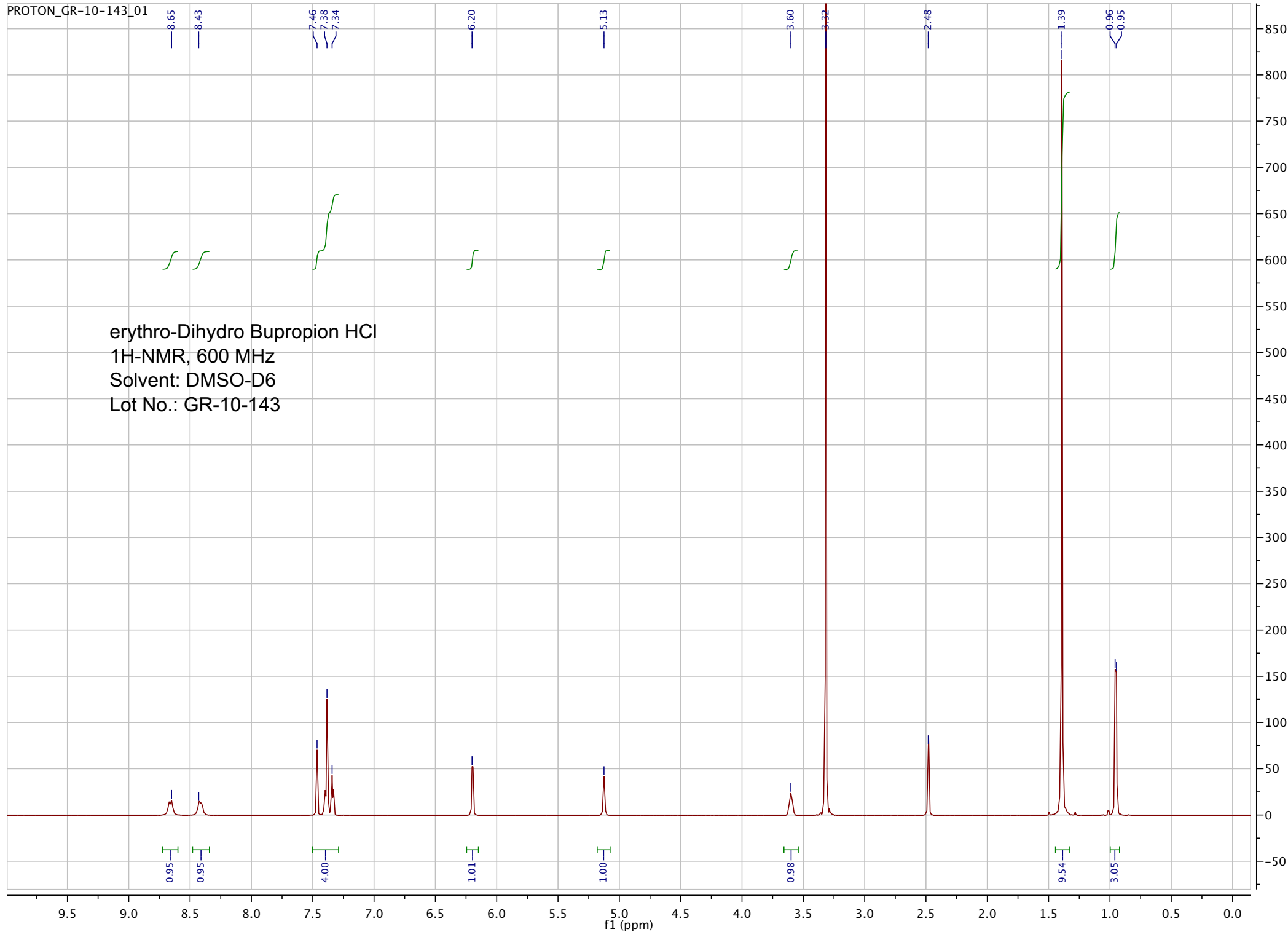
Approved by:

Date: 03/31/2026



Viorica Rusu, QC/QA Manager

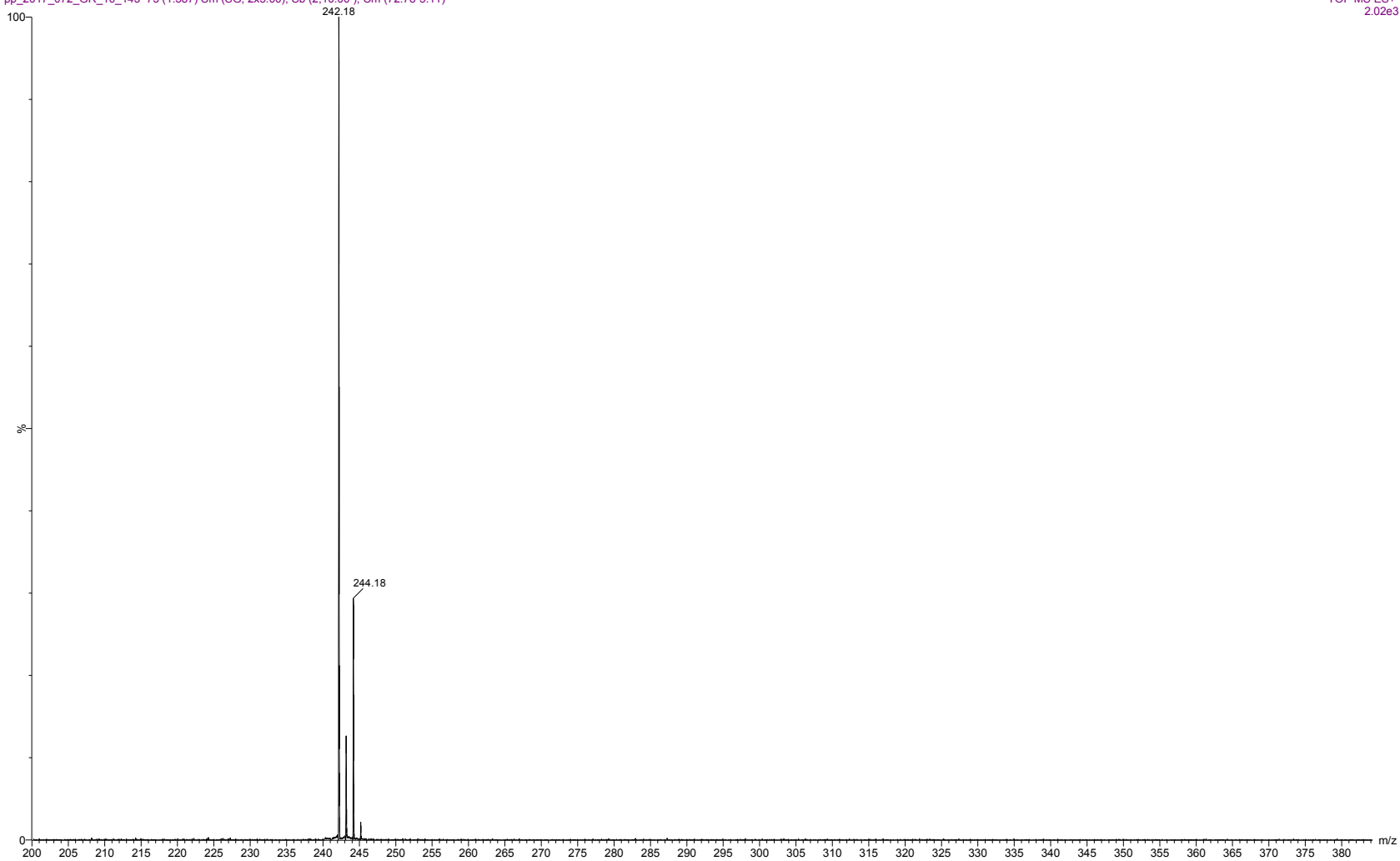
erythro-Dihydro Bupropion HCl
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-10-143



pp_2017_072_GR_10_143 75 (1.387) Sm (SG, 2x5.00); Sb (2,10.00); Cm (72:78-5:11)

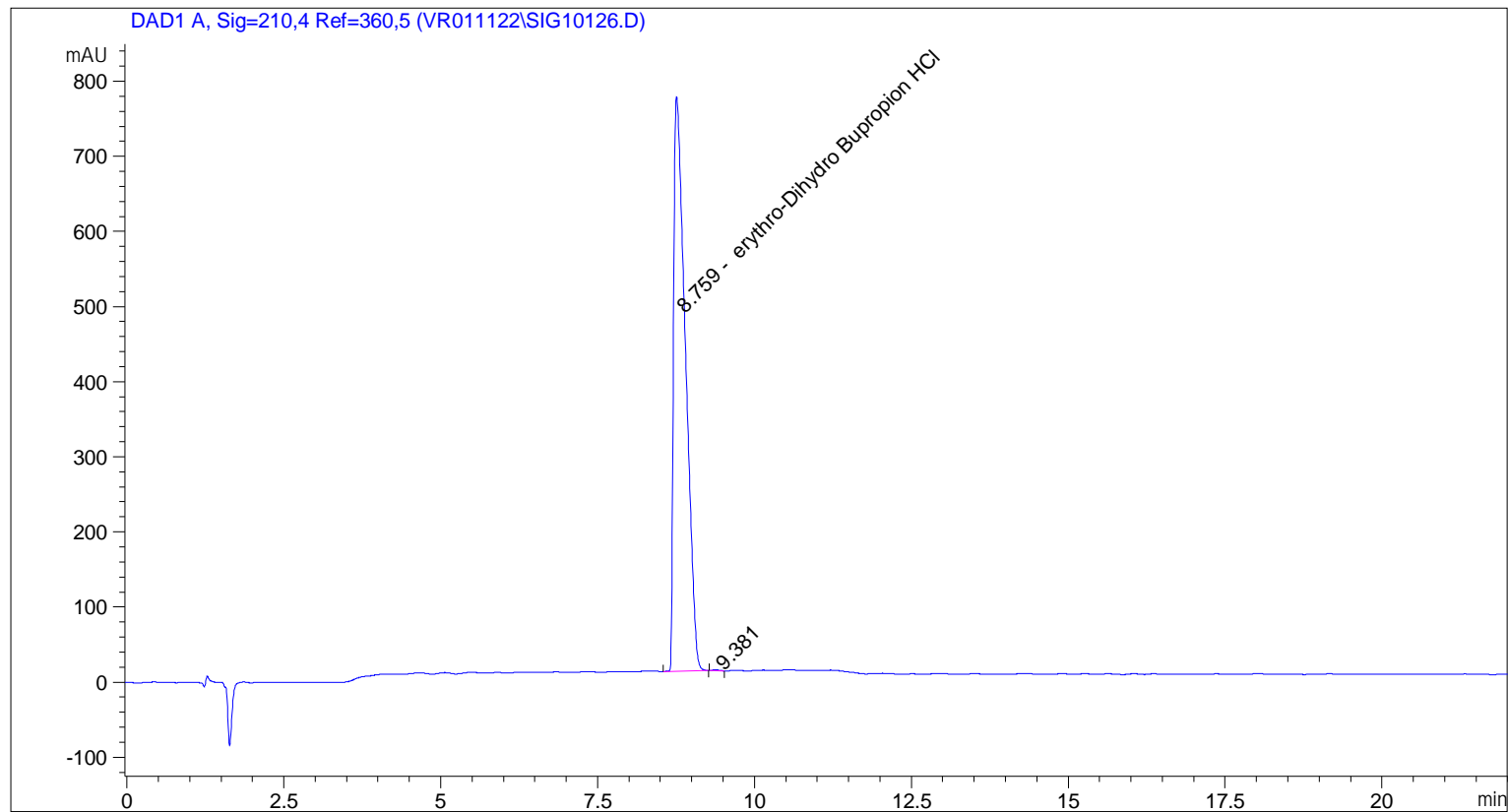
7.00000000

14-Jul-2017, 14:35:49
TOF MS ES+
2.02e3



ESI-MS spectrum for sample GR-10-143. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 13
Injection Date : 5/24/2022 8:32:37 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052422_143.M
Last changed : 5/24/2022 8:31:31 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052422_10-143PM.M
Last changed : 5/24/2022 9:31:00 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 5/24/2022 9:29:01 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

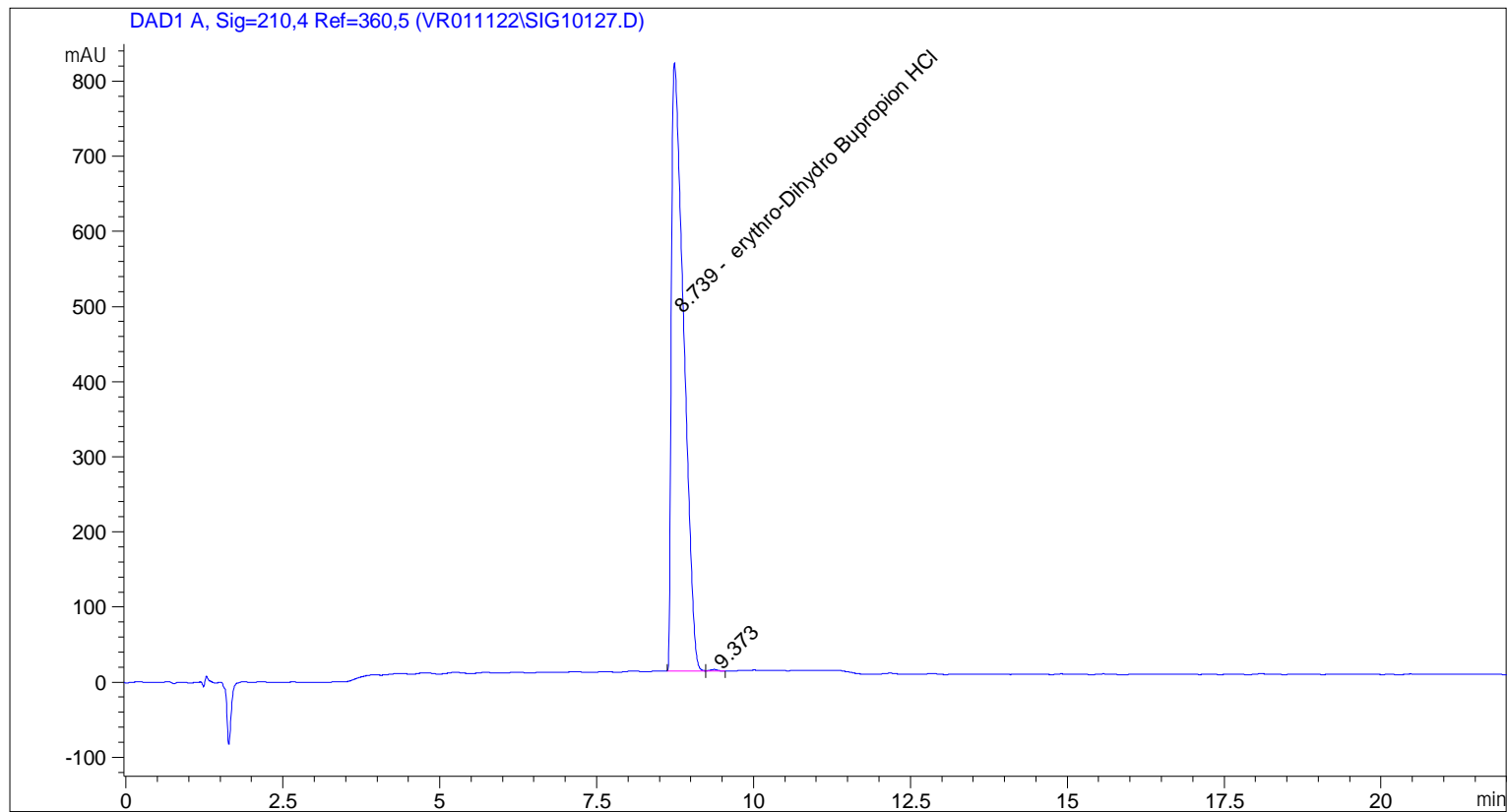
Signal 1: DAD1 A, Sig=210,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	8.759	BB	0.2005	1.00025e4	99.8999	erythro-Dihydro Bupropion HCl
2	9.381	BB	0.1019	10.01816	0.1001	?

Totals : 1.00125e4

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 14
Injection Date : 5/24/2022 9:04:46 AM Inj Volume : 10.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR052422_143.M
Last changed : 5/24/2022 9:03:36 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR052422_10-143PM.M
Last changed : 5/24/2022 9:31:00 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 5/24/2022 9:29:01 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=210,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	8.739	BB	0.2049	1.10304e4	99.8753	erythro-Dihydro Bupropion HCl
2	9.373	BB	0.1046	13.77373	0.1247	?

Totals : 1.10441e4

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*** End of Report ***