

Name: Fingolimod Phosphate-D4
Lot#: GR-8-269
Test Date: 01/11/2022 (re-test date: 01/11/2027)
CAS No.: 402615-91-2 (unlabeled)
MF: C₁₉H₃₀D₄NO₅P
MW: 391.48
Appearance: White Solid
Purity: 98.0% by HPLC (average of two sample preparations); >98% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 392.26 [M+H]⁺)

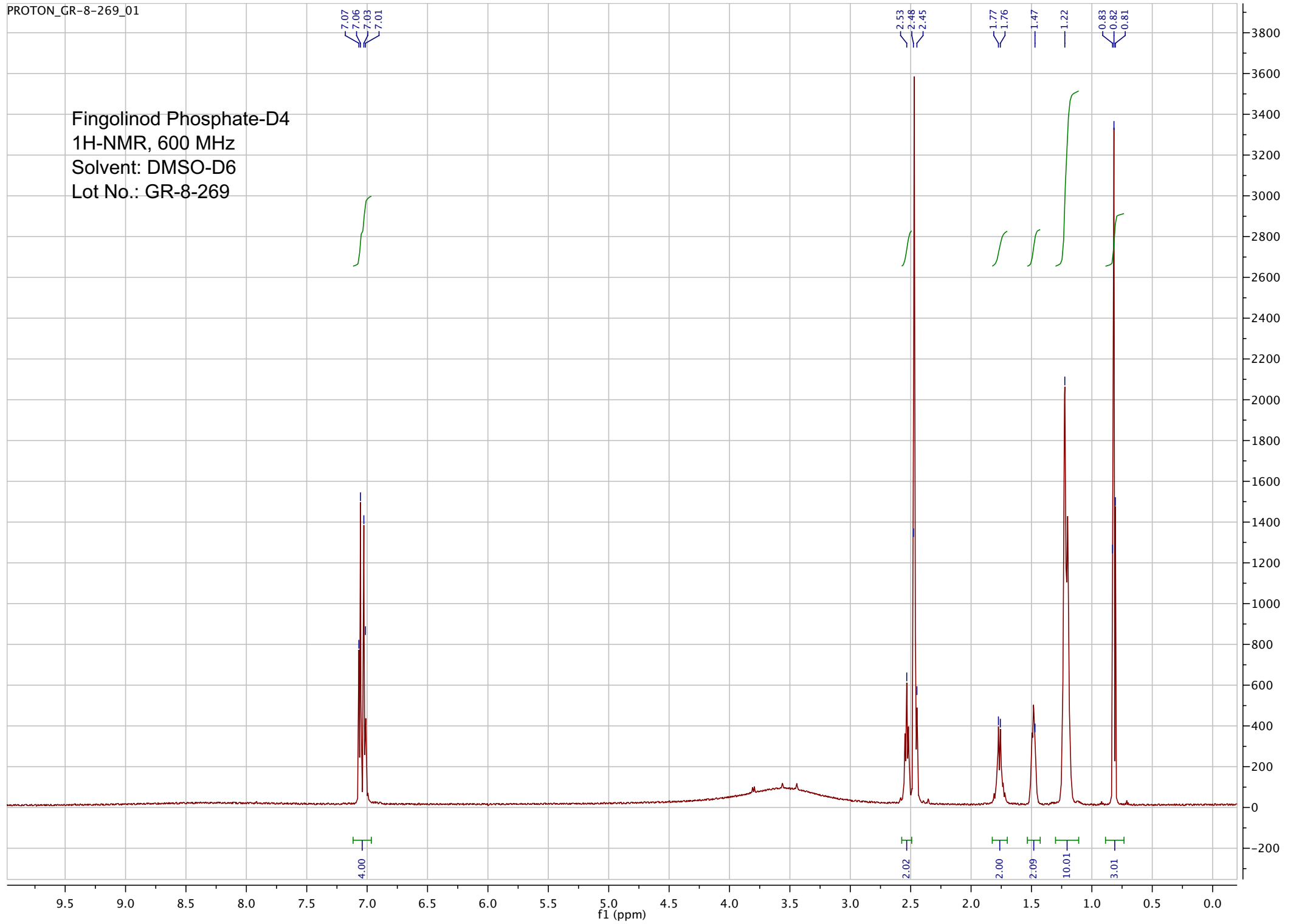
Approved by:

Date: 01/12/2022



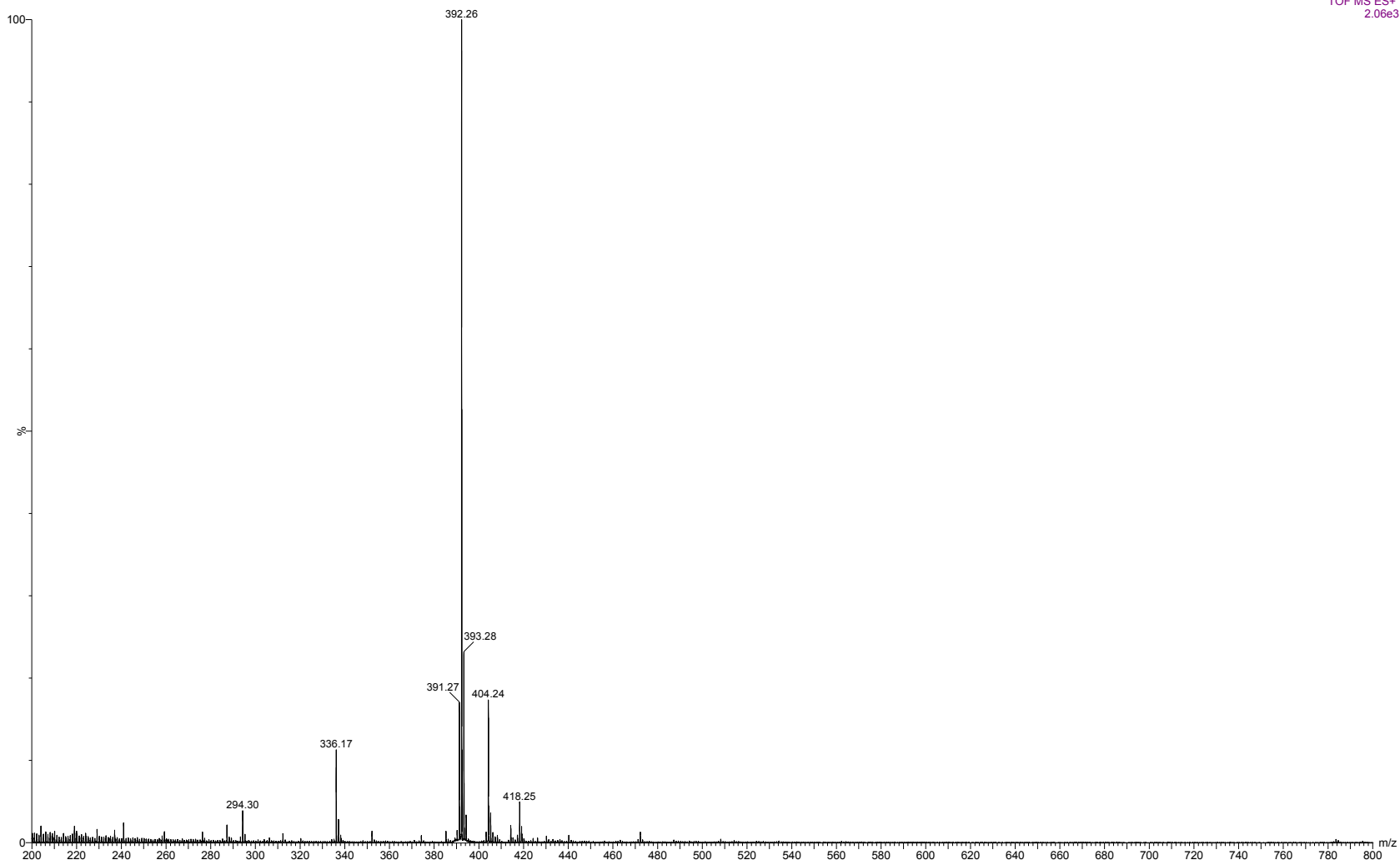
Viorica Rusu, QC/QA Manager

Fingolinod Phosphate-D4
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: GR-8-269



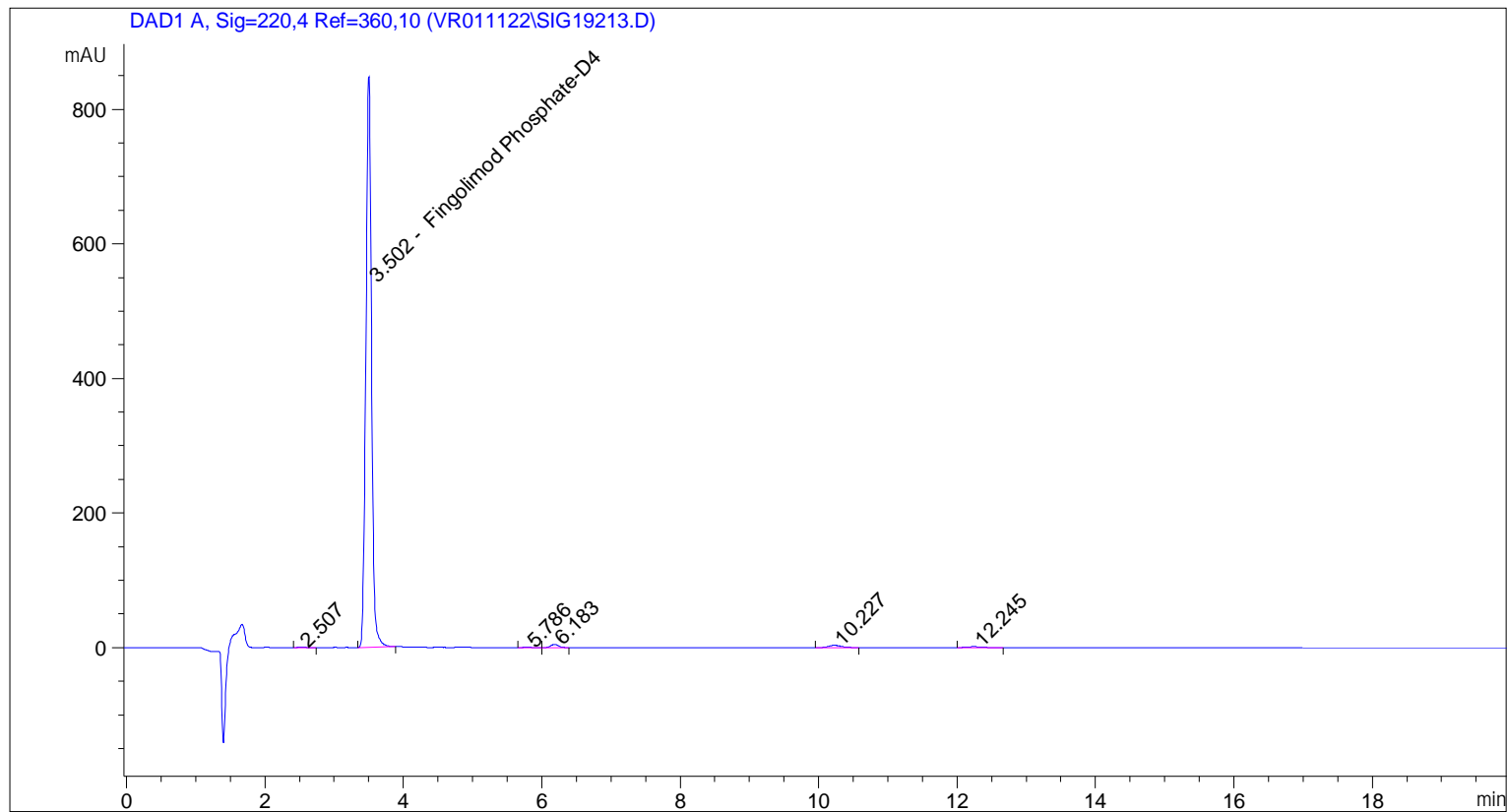
7.0000000

TOF MS ES+
2.06e3



ESI-MS spectrum for sample GR-8-269. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 76
Injection Date : 1/11/2022 2:39:45 PM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR011122_269.M
Last changed : 1/11/2022 2:38:28 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR011122_269PM.M
Last changed : 1/11/2022 3:32:37 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 1/11/2022 3:32:10 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=360,10

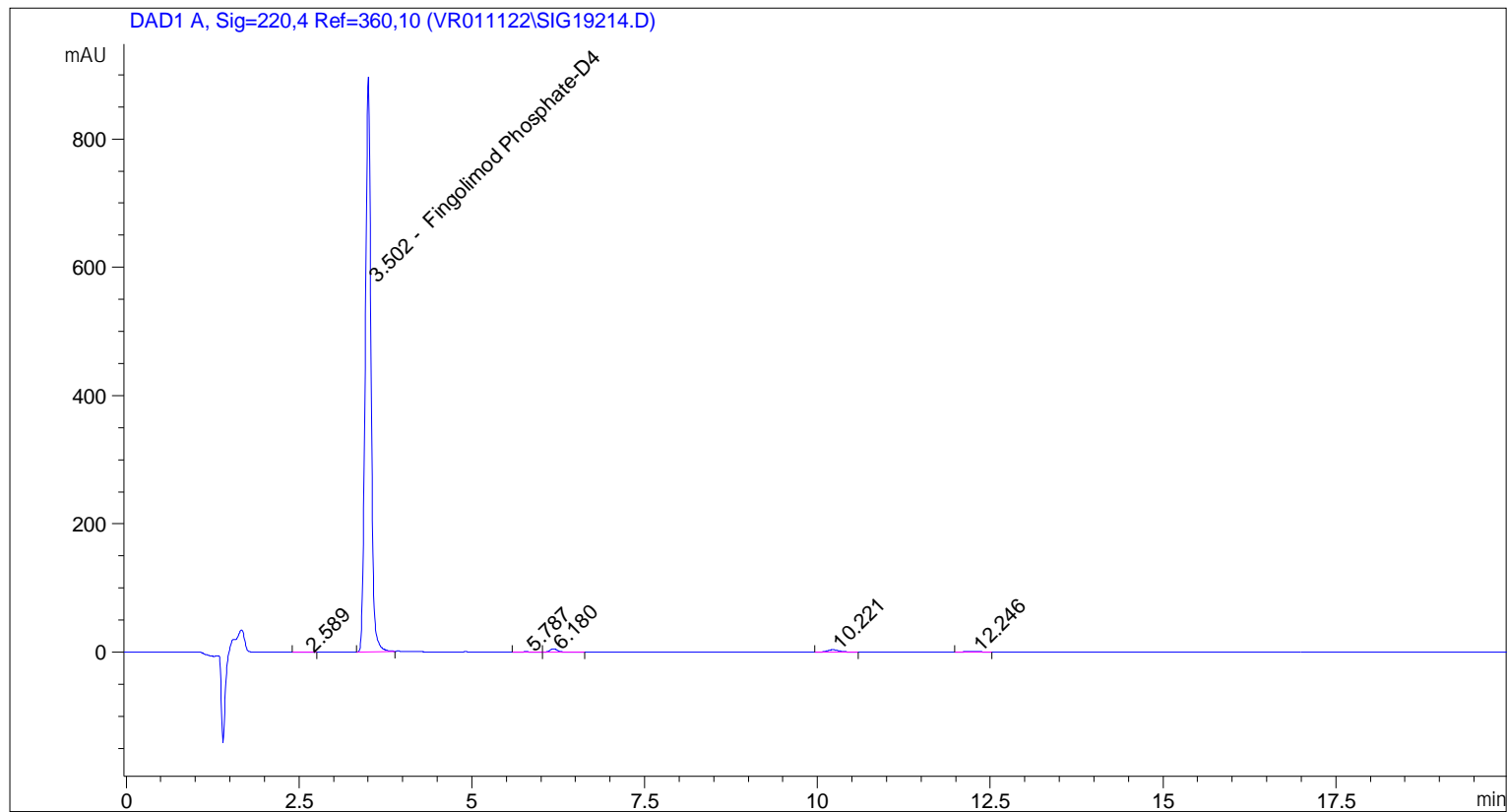
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.507	BB	0.0971	3.54525	0.0723	?
2	3.502	BB	0.0859	4806.09570	97.9975	Fingolimod Phosphate-D4
3	5.786	BB	0.1112	2.86846	0.0585	?
4	6.183	BB	0.1130	35.34919	0.7208	?
5	10.227	BB	0.1914	40.51060	0.8260	?
6	12.245	BB	0.1967	15.93380	0.3249	?

Totals : 4904.30301

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*** End of Report ***

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 77
Injection Date : 1/11/2022 3:02:42 PM Inj Volume : 20.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR011122_269.M
Last changed : 1/11/2022 3:01:23 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR011122_269PM.M
Last changed : 1/11/2022 3:32:37 PM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 1/11/2022 3:32:10 PM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=360,10

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.589	BB	0.1225	2.86362	0.0547	?
2	3.502	BB	0.0888	5129.30469	97.9674	Fingolimod Phosphate-D4
3	5.787	BB	0.1153	3.93873	0.0752	?
4	6.180	BB	0.1173	39.95667	0.7632	?
5	10.221	BB	0.1903	42.65339	0.8147	?
6	12.246	BB	0.1969	17.00745	0.3248	?

Totals : 5235.72454

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*** End of Report ***