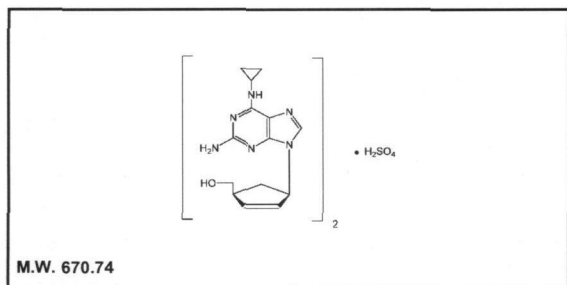




Product Data Sheet

M-1612

Abacavir sulfate

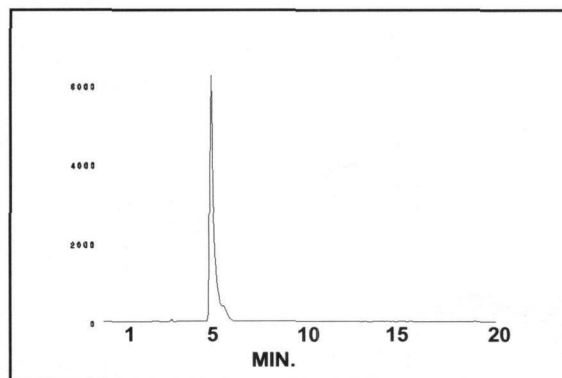


Lot #: 181-014-000-A-19990421-DN

Packaged as: Solid

Date of Analysis: May 27, 2009

Chemical Purity @ 283nm: 98.7%



HPLC ANALYSIS LOT 181-014-000-A-19990421-DN
File Name: int30394 Date and Time: 5/27/2009 2:10:52 PM
Unit 3 UV

Peak #	Area %	Time	Area
1	98.72	5.50670	9574.24507
2	1.28	6.13670	123.96246
Totals	100.00		9698.20753

Stability and Storage Recommendation: Store at 0-5°C.

Product Warranty: Stated on the reverse side of this Product Data Sheet.

Caution: Not For Use In Humans Or Clinical Diagnosis. This product is intended for investigational or manufacturing use only. It is pharmaceutically unrefined and is not intended for use in humans. Responsibility for its use in humans, as a diagnostic reagent, and compliance with federal laws rests solely with the purchaser.

M-1612

Abacavir sulfate

Lot 181-014-000-A-19990421-DN

A) All chromatograms were run using the HPLC method described on the Product Data Sheet.

Concentrations and volumes:

Abacavir sulfate concentration was 1.0 mg/mL.

Volume of **Abacavir sulfate** alone injection was 30.0 μ L.

Volume of blank injection was 30.0 μ L.

B) Mass spectrometry – Positive mode

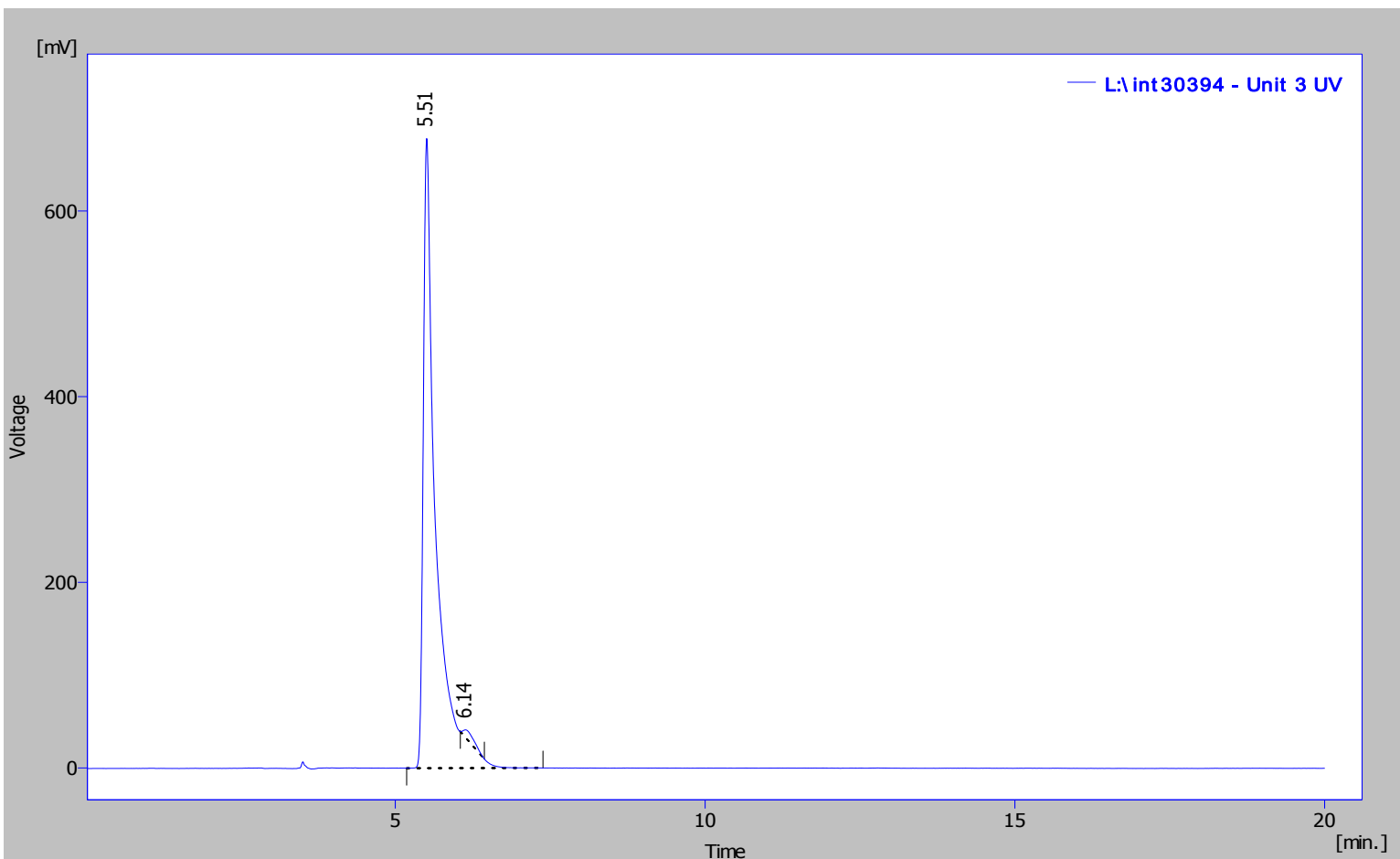
C) NMR

D) UV spectrum

M-1612
Abacavir sulfate
Lot 181-014-000-A-19990421-DN

Chromatogram Info:

File Name	: L:\int30394	File Created	: 10/28/2013 3:12:08 PM
Origin	: Acquired, Acquisition started 5/27/2009 1:50:54 PM	Acquired Date	: 5/27/2009 2:10:52 PM
Project	: Test	By	: Administrator
Method	: unit3-20minrun	By	: Administrator
Description	: UV trace of Abacavir sulfate	Modified	: 10/28/2013 3:17 PM
Created	: 6/26/2007 10:29 AM		
Column	:	Detection	: UV 283nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



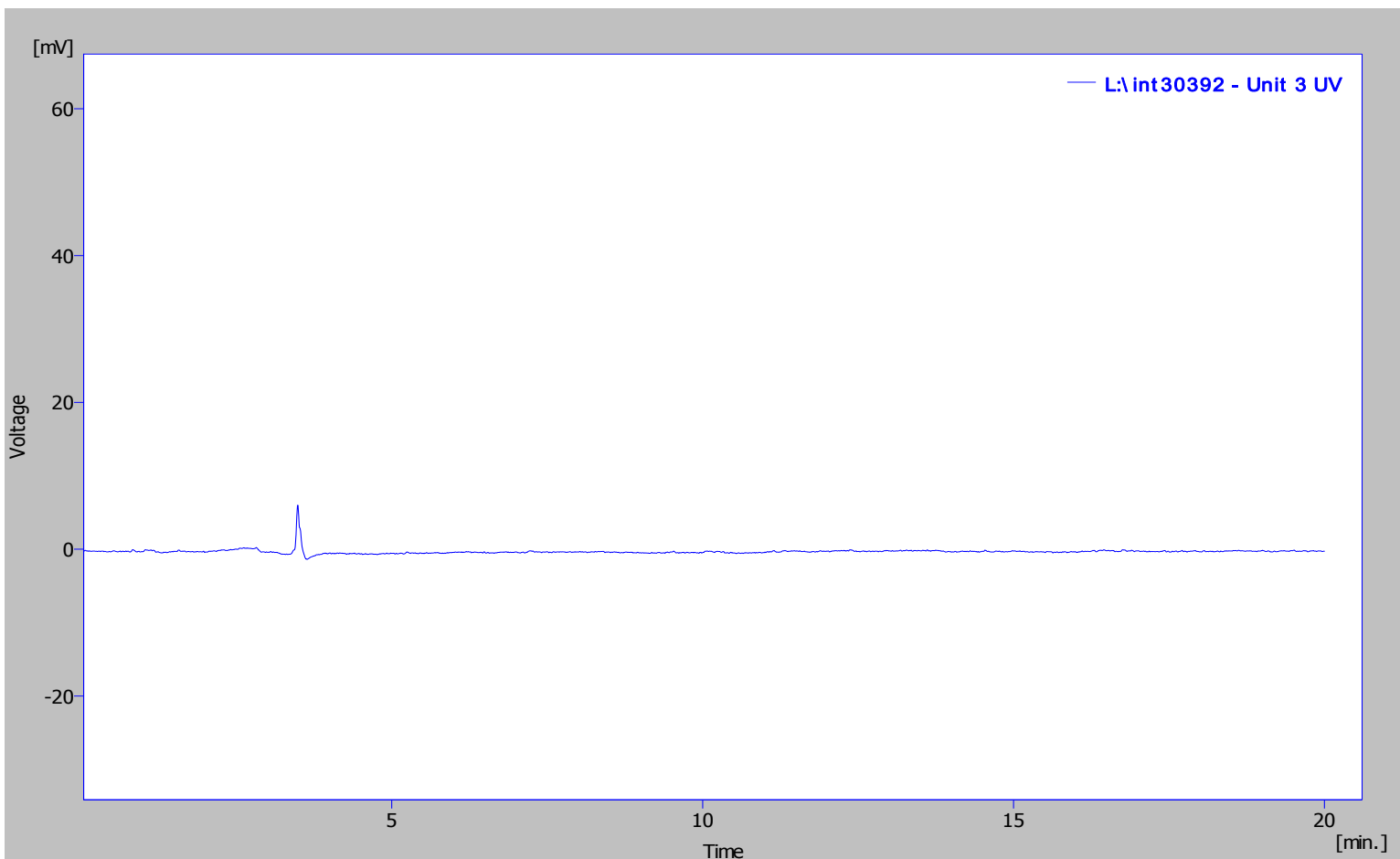
Result Table (Uncal - L:\int30394 - Unit 3 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		5.507	98.722	9574.245	678.257	98.774	6297.058
2		6.137	1.278	123.962	8.419	1.226	8500.053
		Total	100.000	9698.208	686.676	100.000	

M-1612
Abacavir sulfate
Lot 181-014-000-A-19990421-DN

Chromatogram Info:

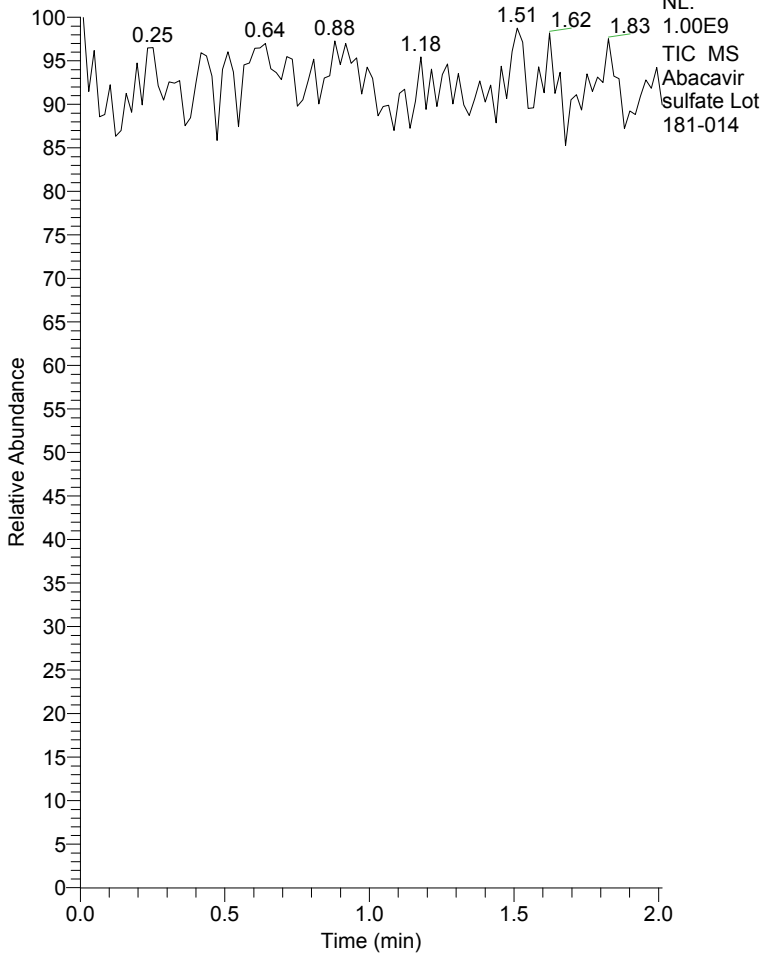
File Name	: L:\int30392	File Created	: 10/28/2013 3:12:08 PM
Origin	: Acquired, Acquisition started 5/27/2009 12:00:03 PM	Acquired Date	: 5/27/2009 12:20:02 PM
Project	: Test	By	: Administrator
Method	: unit3-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 10/28/2013 3:19 PM
Created	: 6/26/2007 10:29 AM		
Column	:	Detection	: UV 283nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int30392 - Unit 3 UV)

Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
No peak to report						

RT: 0.00 - 2.01

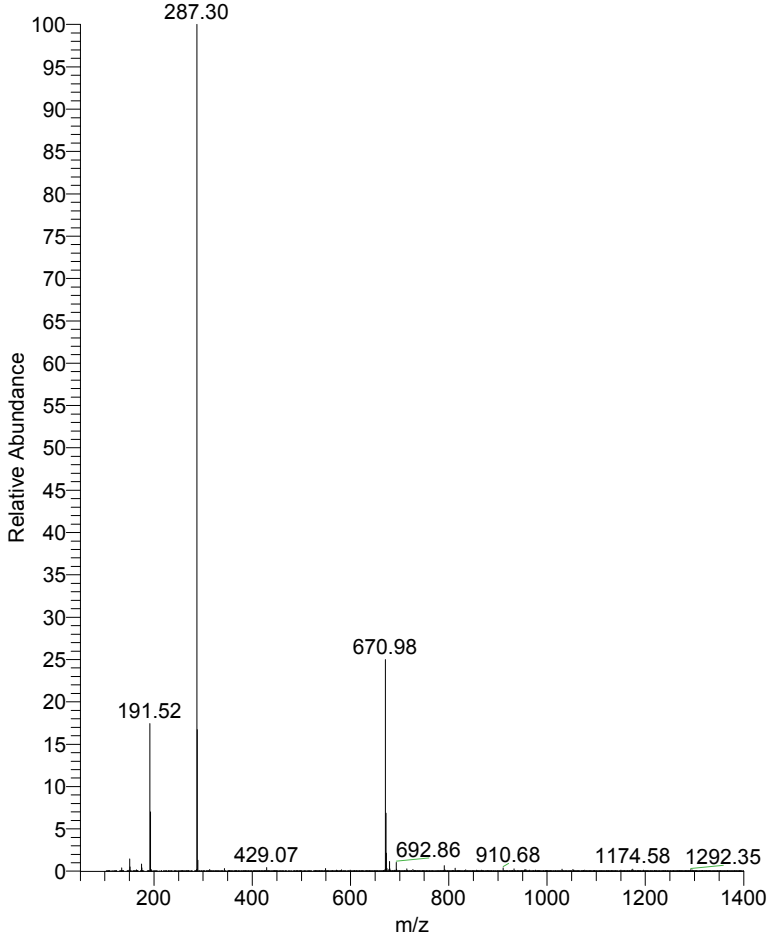


Abacavir sulfate Lot 181-014#1-109 RT: T: + c NSI Full ms [50.00-1400.00]

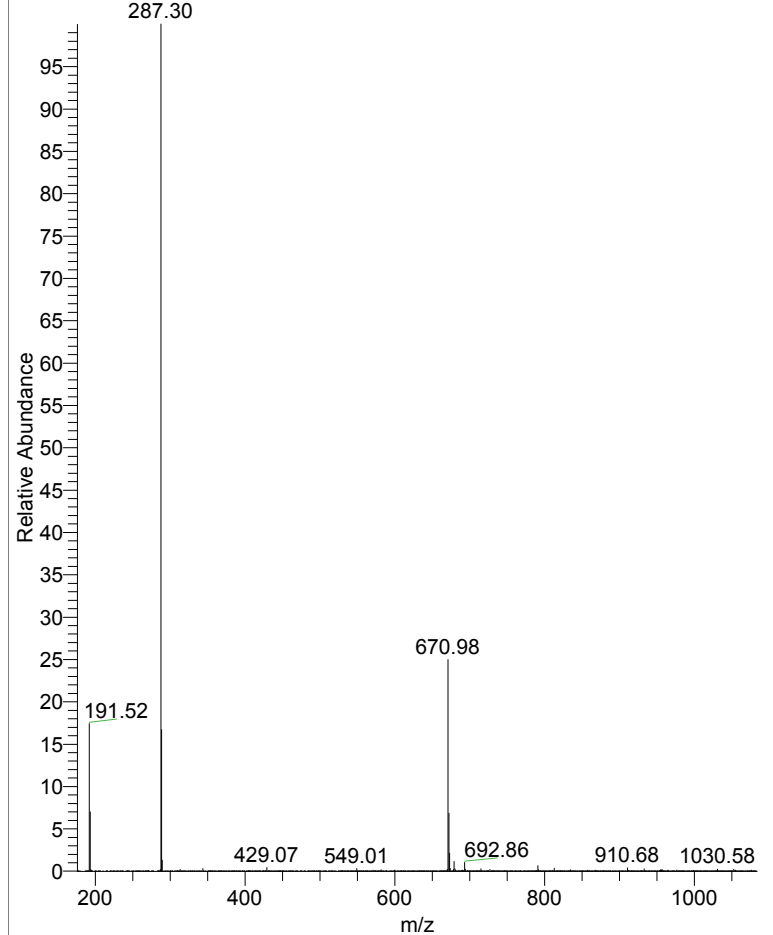
m/z = 230.52-416.34

m/z	Intensity	Relative
283.85	22734.9	0.00
284.36	1627.6	0.00
285.02	31660.7	0.01
285.74	60700.0	0.01
286.61	757299.4	0.16
287.30	468153550.7	100.00
288.24	78035814.9	16.67
289.25	5970228.2	1.28
290.31	27900.9	0.01
292.68	1295.5	0.00
293.30	2611.8	0.00
294.96	5395.5	0.00
296.35	1296.0	0.00
297.45	2347.8	0.00
299.21	69681.1	0.01
300.34	11552.0	0.00
301.14	26063.9	0.01
302.37	1173.0	0.00
303.26	6750.2	0.00
305.32	31585.9	0.01
307.04	126141.2	0.03
307.87	3840.5	0.00
309.26	244919.6	0.05
310.21	11435.6	0.00

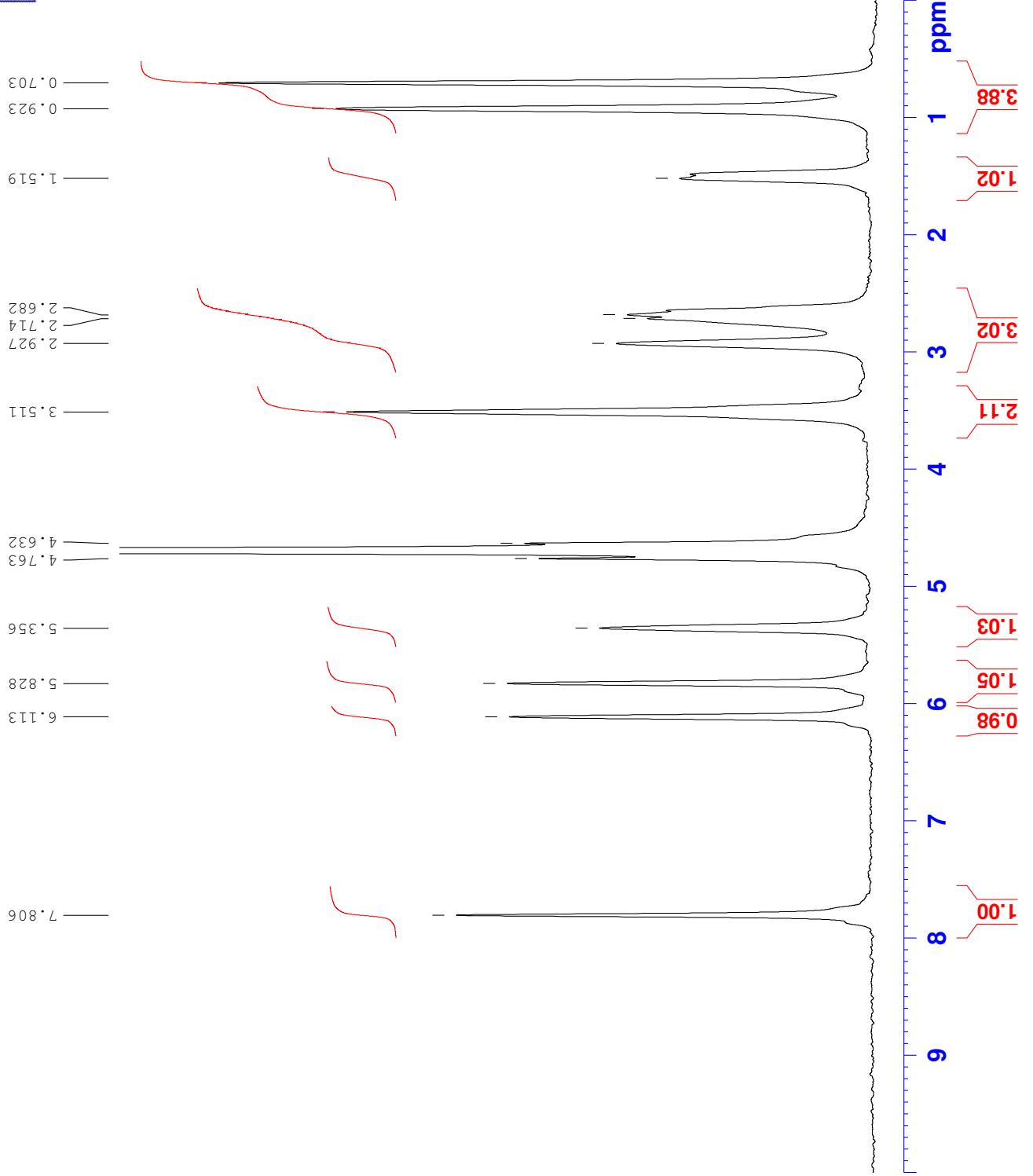
Abacavir sulfate Lot 181-014 #1-109 RT: 0.01-2.01 AV: 109 NL: 4.68E8
T: + c NSI Full ms [50.00-1400.00]



Abacavir sulfate Lot 181-014 #1-109 RT: 0.01-2.01 AV: 109 NL: 4.68E8
T: + c NSI Full ms [50.00-1400.00]



M1612 1H NMR in D2O
Batch 19990421-DN



Current Data Parameters
NAME M1612
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 20090130
Time 10.40
INSTRUM spect
PROBHD 5 mm DUX 3H-1H
PULPROG zg30
TD 65536
SOLVENT D2O
NS 500
DS 4
SWH 4194.631 Hz
FIDRES 0.064005 Hz
AQ 7.8119411 sec
RG 362
DW 119.200 usec
DE 6.00 usec
TE 300.0 K
D1 1.00000000 sec
TD0 1

==== CHANNEL f1 =====
NUC1 1H
P1 10.25 usec
PL1 0.00 dB
SFO1 300.1318534 MHz

F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 5.00 Hz
GB 0
PC 1.00

27/May/09 13:45:59

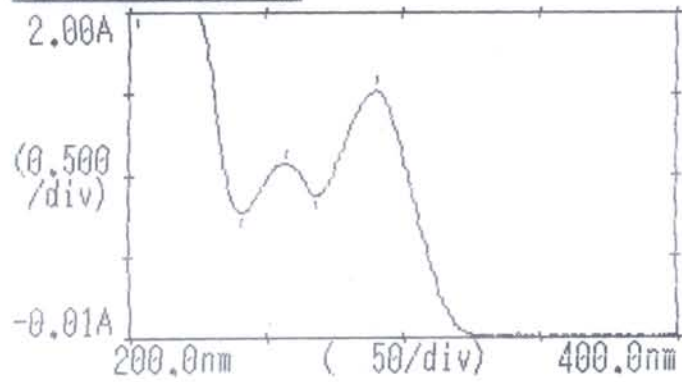
Peak detection

Abscis.	ABS	Abscis.	ABS
291.0	1.526		
258.0	1.081		
213.5	2.389		

Graph PrintOut Valley

27/May/09 13:46:38

Data Processing



PrintOut Peak Valley