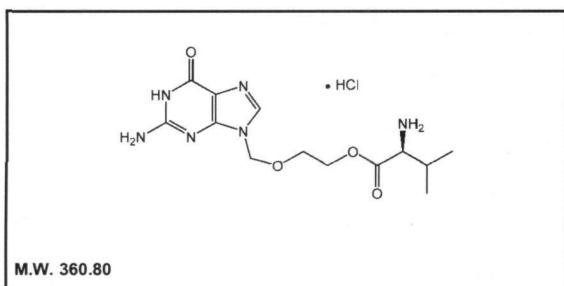




Product Data Sheet

M-1571

Valaciclovir, hydrochloride salt

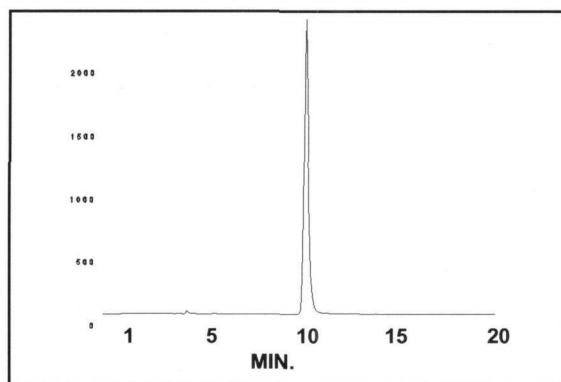


Lot #: 208-271-000-B-20080919-Q

Packaged as: Solid

Date of Analysis: May 31, 2012

Chemical Purity @ 252nm: 99.5%



HPLC ANALYSIS LOT 208-271-000-B-20080919-Q
File Name: int21672 Date and Time: 5/31/2012 8:53:01 AM
Unit 2 UV

Peak #	Area %	Time	Area
1	0.04	3.78670	1.59578
2	0.42	4.32330	15.06501
3	99.54	10.37000	3604.74473

Totals 100.00 3621.40552

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-1571

Valaciclovir, hydrochloride salt

Lot 208-271-000-B-20080919-Q

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

Concentrations and volumes:

Valaciclovir, hydrochloride salt solution concentration was 1.0 mg/ml.

Volume of **Valaciclovir, hydrochloride salt** injection was 2.5 μ l.

Volume of blank injection was 2.5 μ l.

B) Mass spectrometry - Positive mode

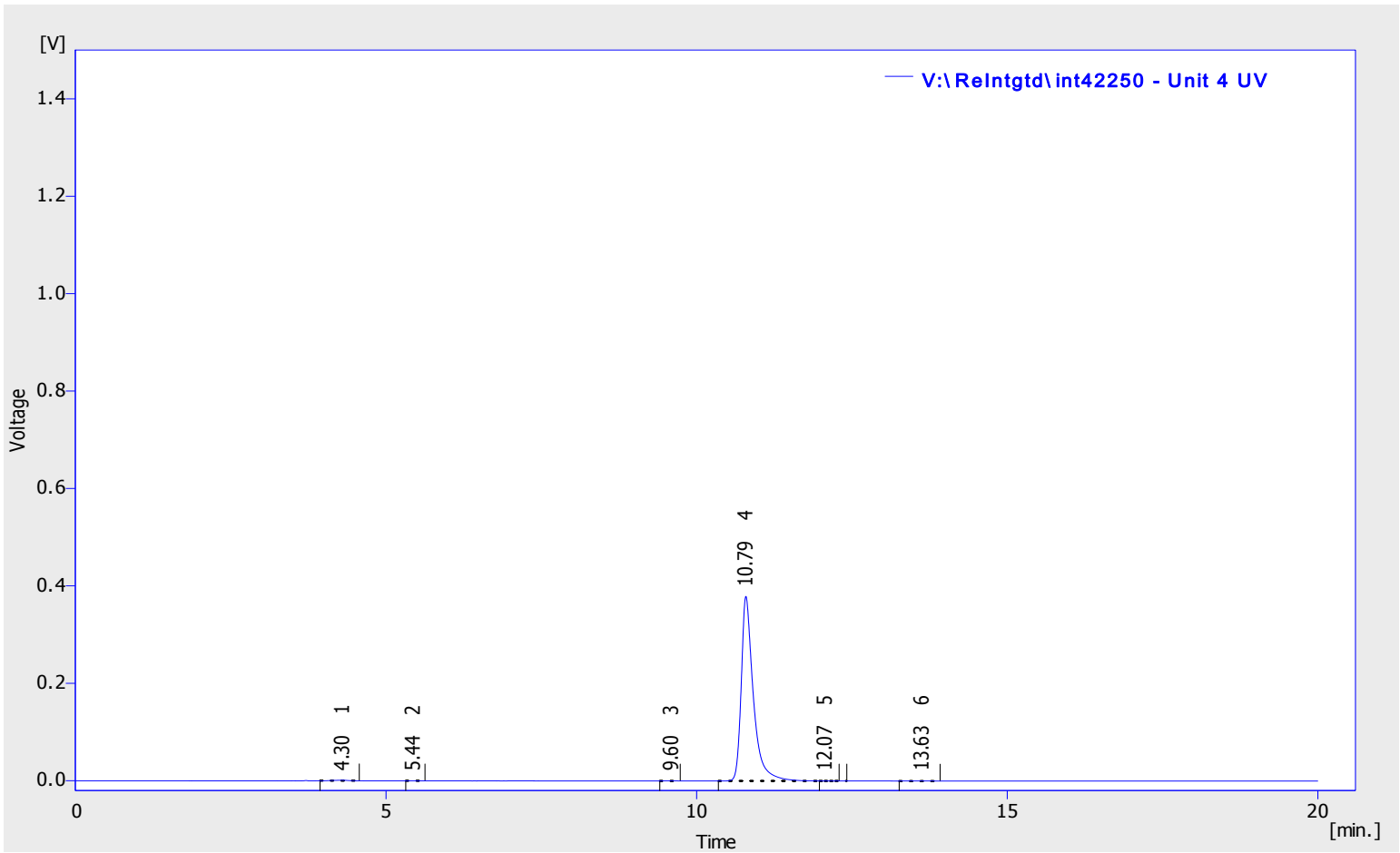
C) NMR

D) UV Spectrum

M-1571
Valaciclovir, hydrochloride salt
Lot 208-271-000-B-20080919-Q

Chromatogram Info:

File Name	: V:\ReIntgtd\int42250.PRM	File Created	: 2/3/2010 11:11:29 AM
Origin	: Save File L:\int42250.PRM As V:\ReIntgtd\int42250.PRM	Acquired Date	: 2/3/2010 10:21:31 AM
Project	: c:\Clarity\Projects\Test.PRJ	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of Valaciclovir, hydrochloride salt		
Created	: 8/7/2007 9:44 AM	Modified	: 2/3/2010 11:57 AM
Column	:	Detection	: UV 252nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



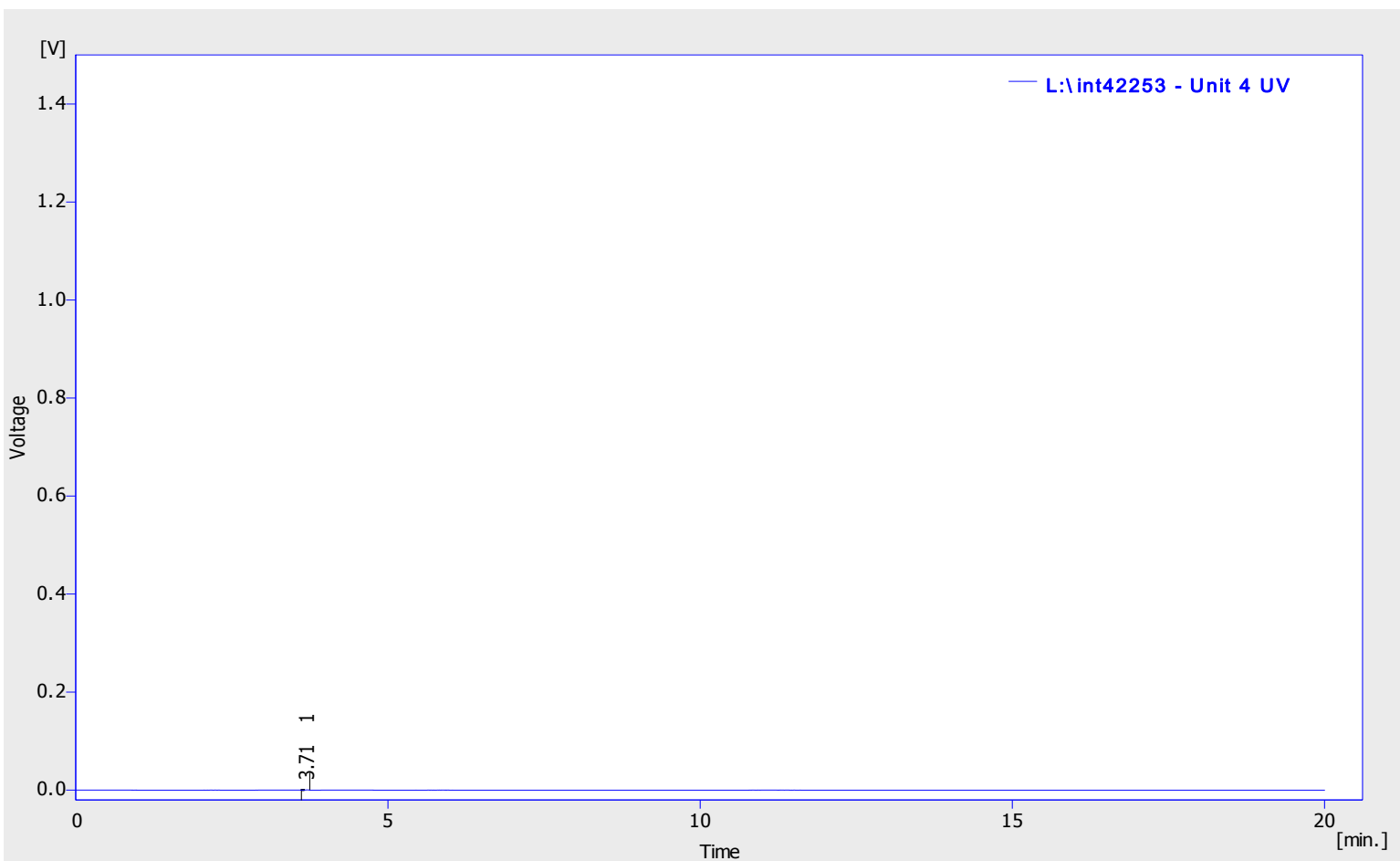
Result Table (Uncal - V:\ReIntgtd\int42250 - Unit 4 UV)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	4.300	19.997	1.165	0.39	0.3	0.28
2	5.440	1.192	0.139	0.02	0.0	0.14
3	9.597	1.537	0.155	0.03	0.0	0.16
4	10.793	5125.646	379.067	99.51	99.6	0.19
5	12.073	0.458	0.039	0.01	0.0	0.17
6	13.630	1.842	0.091	0.04	0.0	0.36
	Total	5150.672	380.657	100.00	100.0	

M-1571
Valaciclovir, hydrochloride salt
Lot 208-271-000-B-20080919-Q

Chromatogram Info:

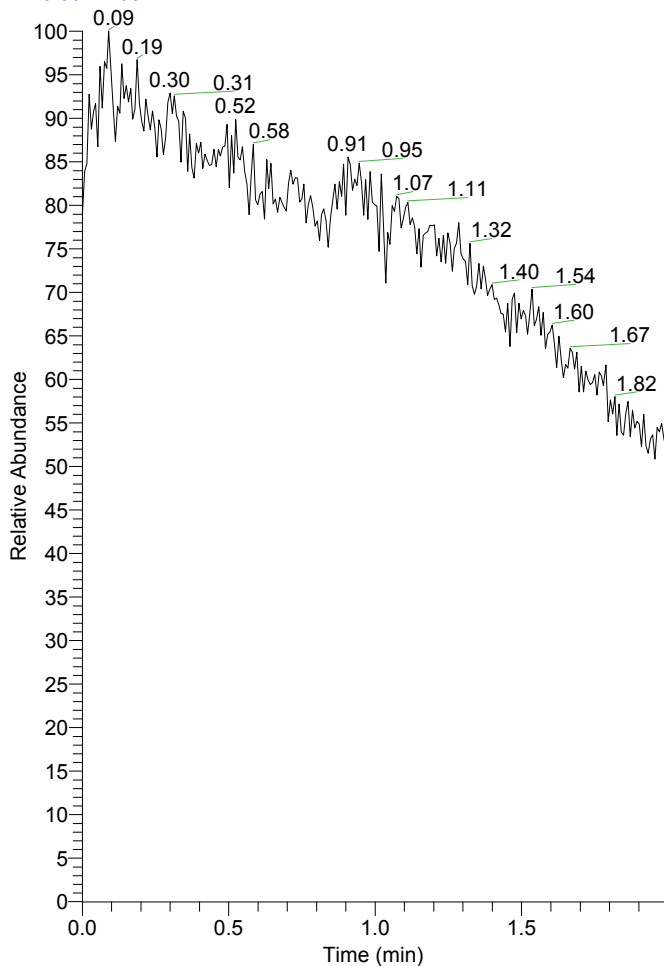
File Name	: L:\int42253.PRM	File Created	: 2/3/2010 11:51:06 AM
Origin	: Acquired	Acquired Date	: 2/3/2010 11:50:21 AM
Project	: c:\Clarity\Projects\Test.PRJ	By	: Administrator
Method	: Unit4-20minrun	By	: Administrator
Description	: UV trace of blank injection	Modified	: 2/3/2010 12:03 PM
Created	: 8/7/2007 9:44 AM		
Column	:	Detection	: UV 252nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



Result Table (Uncal - L:\int42253 - Unit 4 UV)

	Reten. Time [min]	Area [mV.s]	Height [mV]	Area [%]	Height [%]	W05 [min]
1	3.710	1.626	0.497	100.00	100.0	0.06
	Total	1.626	0.497	100.00	100.0	

RT: 0.00 - 1.99



NL:
8.52E8
TIC MS
M1571-
20080919-
Q

M1571-20080919-Q#1-264 RT: 0.00-1.99 AV:

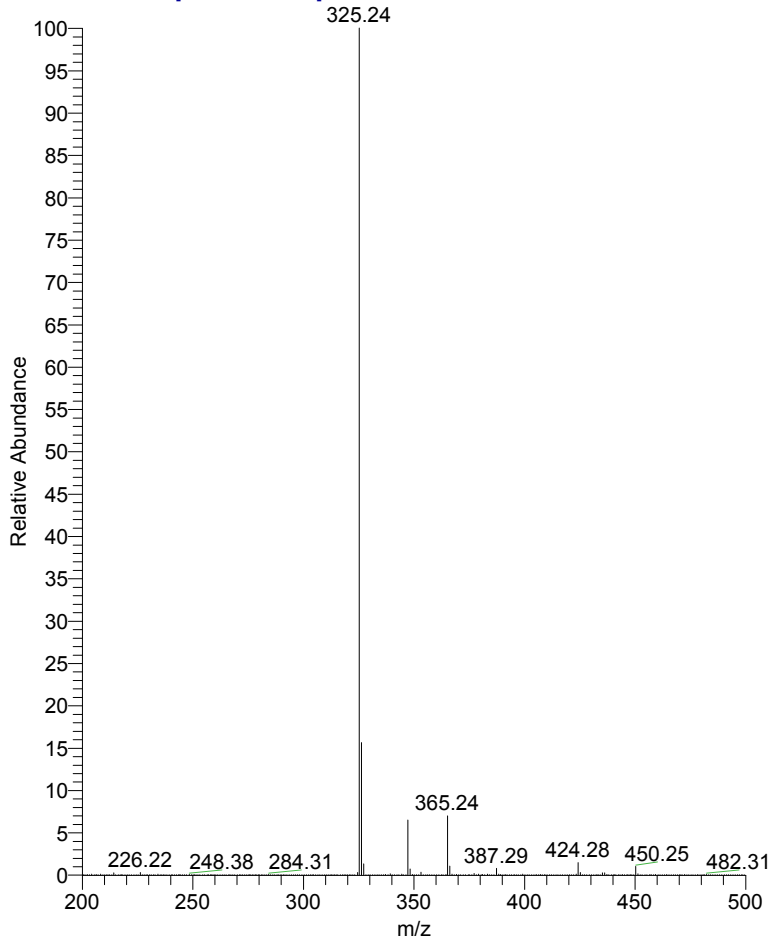
T: + c NSI Full ms [200.00-500.00]

m/z= 322.45-335.36

m/z	Intensity	Relative
323.28	57100.4	0.01
324.47	1318526.0	0.29
325.24	455589708.4	100.00
326.22	71210553.1	15.63
327.24	5874525.8	1.29
328.23	154514.9	0.03
329.32	24841.8	0.01
330.23	14543.1	0.00
331.29	25653.7	0.01
332.38	28921.9	0.01
333.32	34044.0	0.01
334.26	17365.3	0.00
335.31	32311.8	0.01

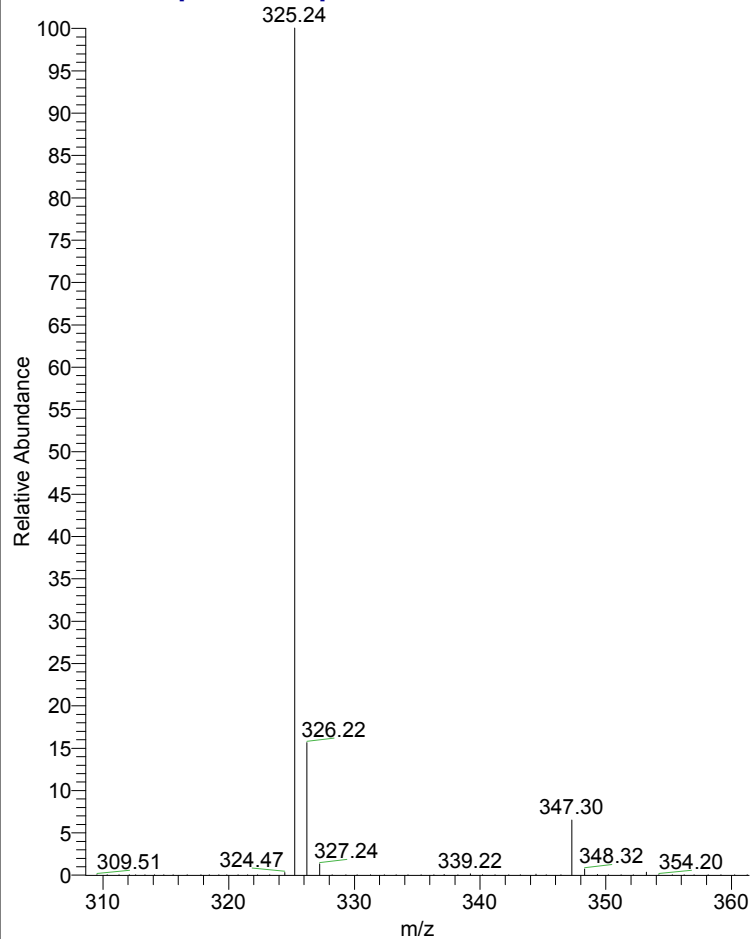
M1571-20080919-Q #1-264 RT: 0.00-1.99 AV: 264 NL: 4.56E8

T: + c NSI Full ms [200.00-500.00]



M1571-20080919-Q #1-264 RT: 0.00-1.99 AV: 264 NL: 4.56E8

T: + c NSI Full ms [200.00-500.00]



M1571 1H NMR in D2O
Batch 20080919-Q



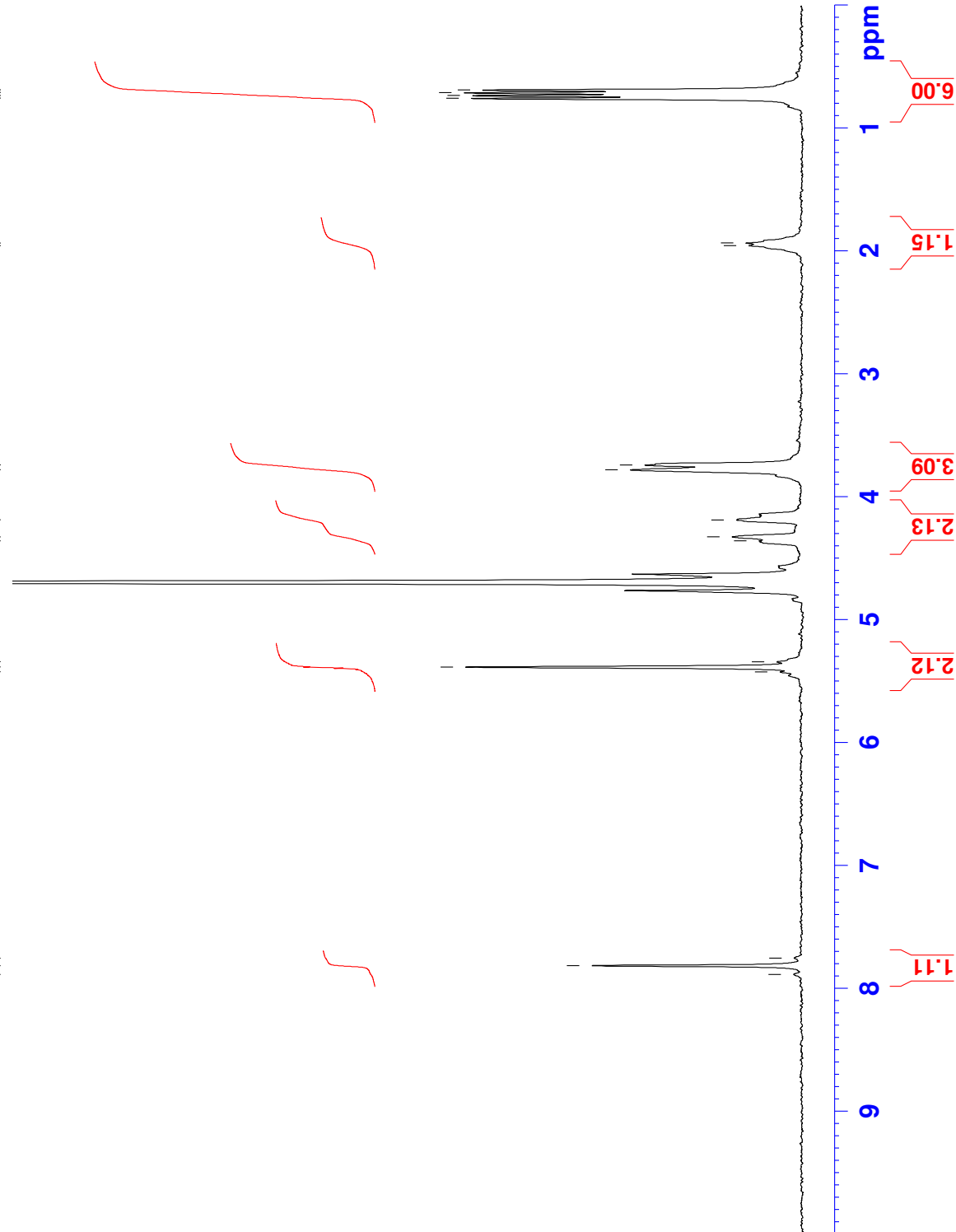
7.888
7.816
7.755

5.426
5.386
5.343

4.359
4.326
4.189
3.781
3.742

1.957
1.935

0.757
0.735
0.712
0.690



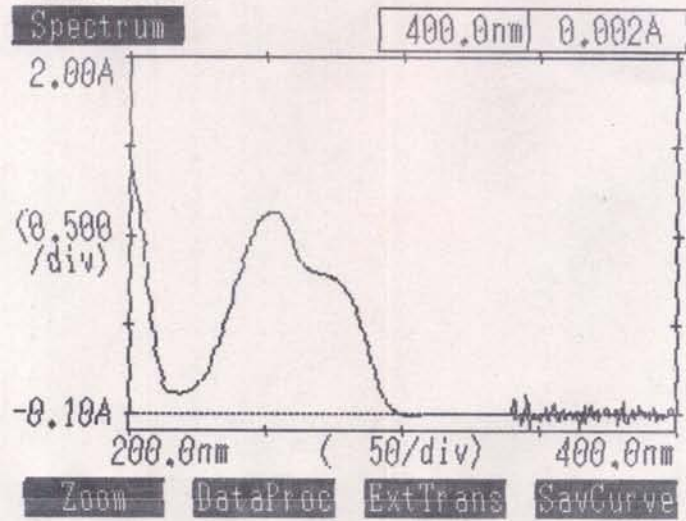
Current Data Parameters
NAME M1571
EXPNO 1
PROCNO 1

F2 - Acquisition Parameter
Date_ 20090326
Time 10.10
INSTRUM spect
PROBHD 5 mm DUX 3H-1H
PULPROG zg30
TD 65536
SOLVENT D2O
NS 500
DS 2
SWH 6172.839 Hz
FIDRES 0.094190 Hz
AQ 5.3084660 se
RG 362
DW 81.000 us
DE 6.00 us
TE 300.0 K
D1 1.00000000 se
TD0 1

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

F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW EM
SSB 0
LB 2.10 Hz
GB 0
PC 1.00

03/Feb/10 02:08:55



03/Feb/10 02:09:31

Peak detection

Abscis.	ABS	Abscis.	ABS
253.5	1.139		

Graph PrintOut Valley