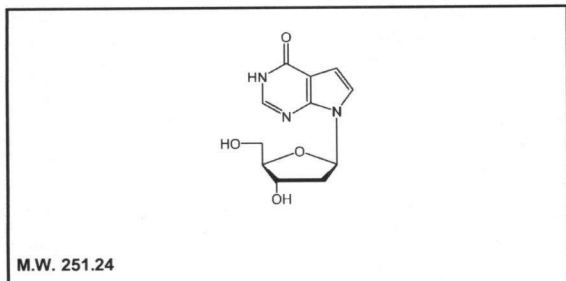




# Product Data Sheet

**M-1779**

## 7-Deaza-2'-deoxyinosine

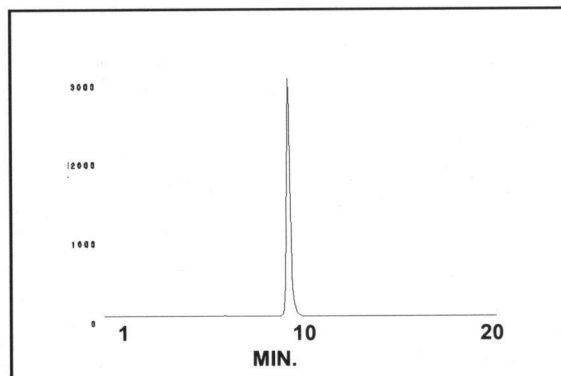


**Lot #:** 208-240-000-A-20051104-Q

**Packaged as:** Solid

**Date of Analysis:** July 20, 2009

**Chemical Purity @ 267nm:** 99.3%



HPLC ANALYSIS LOT 208-240-000-A-20051104-Q  
File Name: intrn1398 Date and Time: 7/20/2009 1:47:33 PM  
Unit 21 UV

Peak #	Area %	Time	Area
1	0.10	3.76670	4.14886
2	0.18	6.17670	7.54000
3	99.38	9.42330	4191.35284
4	0.01	11.53000	0.46594
5	0.22	12.53670	9.18268
6	0.10	13.24330	4.04140
7	0.02	15.97000	0.75333
Totals	100.00		4217.48505

**Storage Recommendation:** Store at -20°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-1779**

**7-Deaza-2'-deoxyinosine**

**Lot 208-240-000-A-20051104-Q**

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

**Concentrations and volumes:**

**7-Deaza-2'-deoxyinosine** solution concentration was 1.0 mg/mL.

Volume of **7-Deaza-2'-deoxyinosine** injection was 4.0  $\mu$ L.

Volume of blank injection was 4.0  $\mu$ L.

**B) Mass spectrometry – Positive mode**

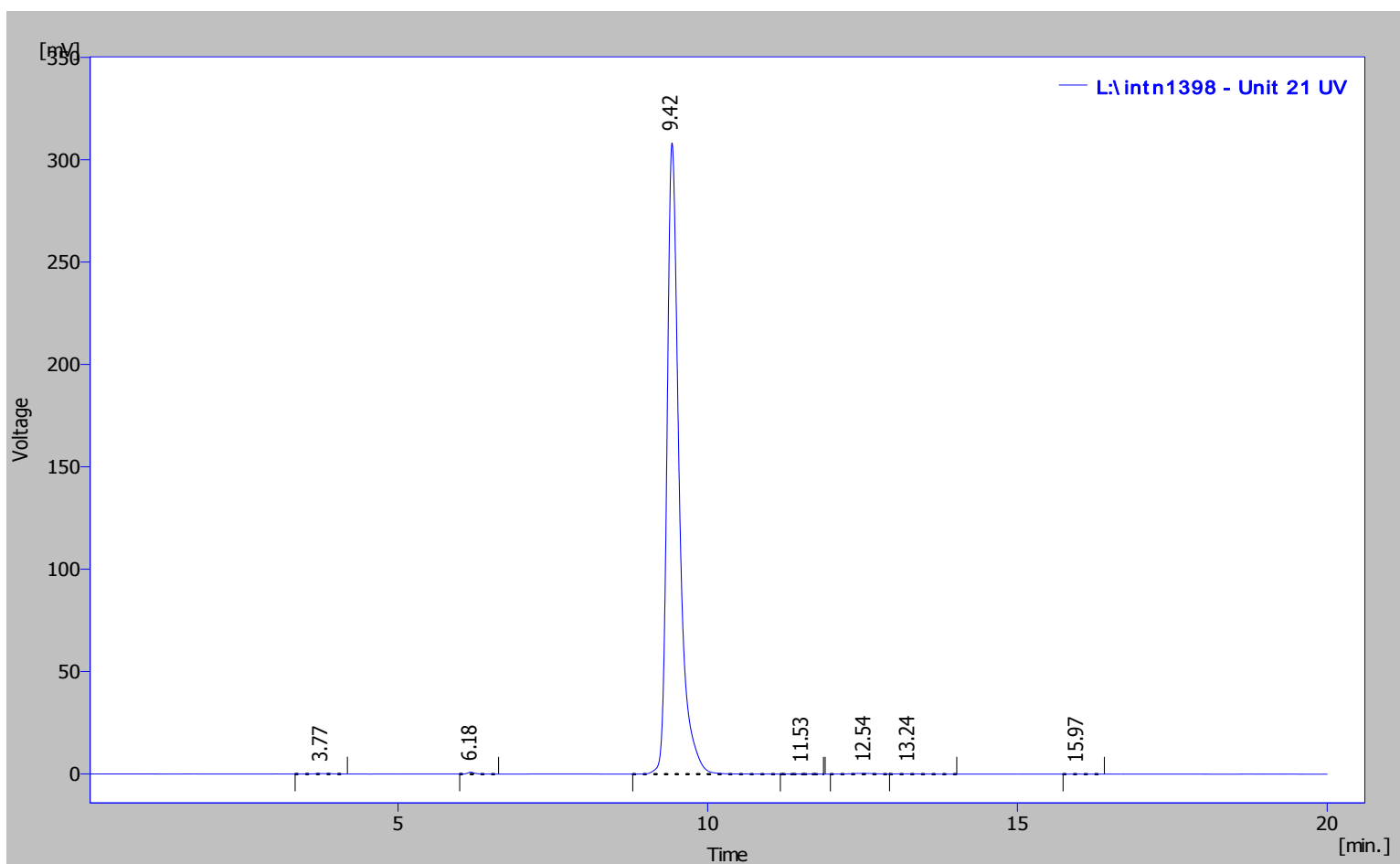
**C) NMR**

**D) UV Spectrum**

**M-1779**  
**7-Deaza-2'-deoxyinosine**  
**Lot 208-240-000-A-20051104-Q**

## Chromatogram Info:

File Name	: L:\intn1398	File Created	: 12/13/2013 11:15:49 AM
Origin	: Acquired, Acquisition started 7/20/2009 1:27:34 PM	Acquired Date	: 7/20/2009 1:47:33 PM
Project	: Test	By	: Administrator
Method	: Unit_21_20_min_run_met.	By	: Administrator
Description	: UV trace of 7-Deaza-2'-deoxyinosine	Modified	: 12/13/2013 11:21 AM
Created	: 4/16/2008 12:56 PM		
Column	:	Detection	: UV 267nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



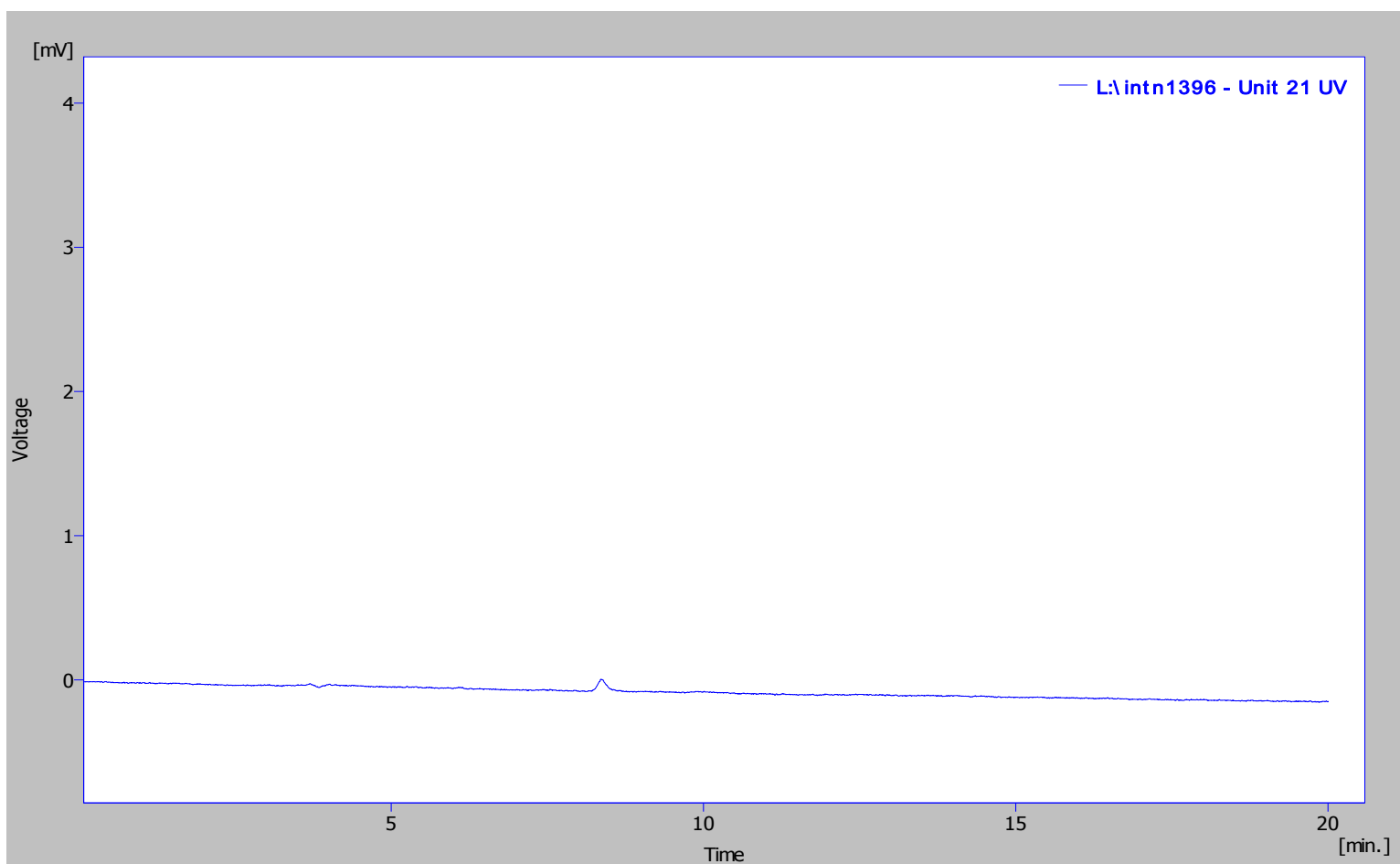
Result Table (Uncal - L:\intn1398 - Unit 21 UV)

	Compound Name	Reten. Time [min]	Area [%]	Area [mV.s]	Height [mV]	Height [%]	Efficiency [th.pl]
1		3.767	0.10	4.149	0.203	0.066	817.901
2		6.177	0.18	7.540	0.929	0.300	15528.322
3		9.423	99.38	4191.353	308.278	99.463	12719.129
4		11.530	0.01	0.466	0.024	0.008	8368.177
5		12.537	0.22	9.183	0.336	0.109	4936.002
6		13.243	0.10	4.041	0.132	0.042	3251.316
7		15.970	0.02	0.753	0.041	0.013	16053.957
		Total	100.00	4217.485	309.943	100.000	

**M-1779**  
**7-Deaza-2'-deoxyinosine**  
**Lot 208-240-000-A-20051104-Q**

## Chromatogram Info:

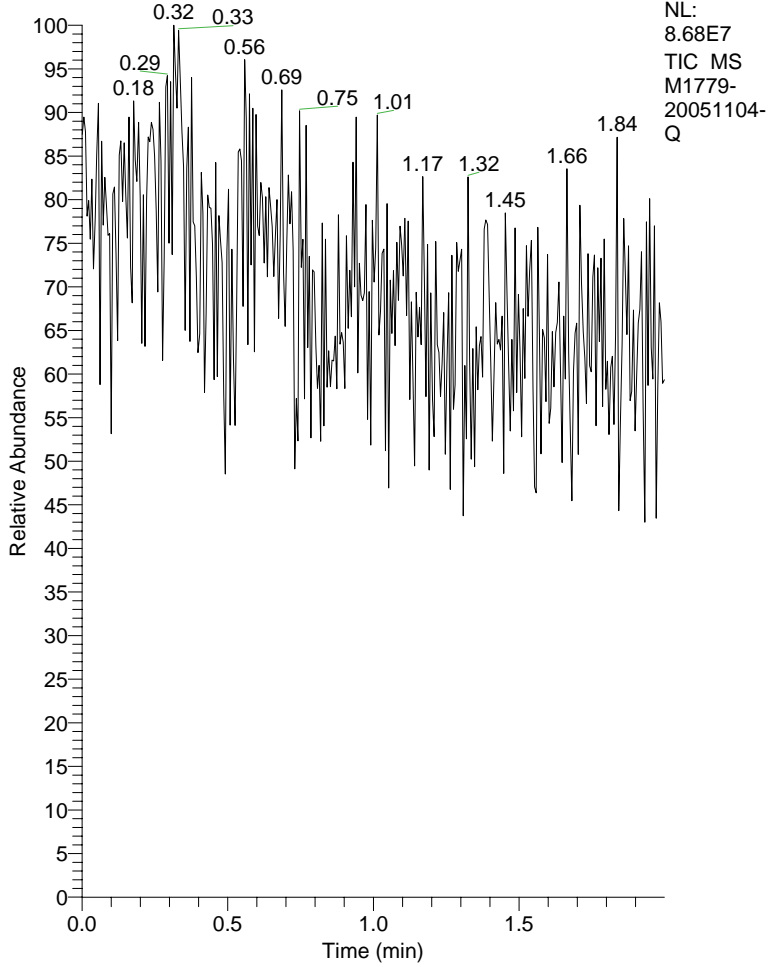
File Name	: L:\intn1396	File Created	: 12/13/2013 11:15:49 AM
Origin	: Acquired, Acquisition started 7/20/2009 10:58:05 AM	Acquired Date	: 7/20/2009 11:18:04 AM
Project	: Test	By	: Administrator
Method	: Unit_21_20_min_run_met.	By	: Administrator
Description	: UV trace of blank injection	Modified	: 12/13/2013 11:18 AM
Created	: 4/16/2008 12:56 PM		
Column	:	Detection	: UV 267nm
Mobile Phase	:	Temperature	:
Flow Rate	:	Pressure	:
Note	:		



*Result Table (Uncal - L:\intn1396 - Unit 21 UV)*

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

RT: 0.00 - 2.00



M1779-20051104-Q#1-361 RT: 0.00-2.00 AV:

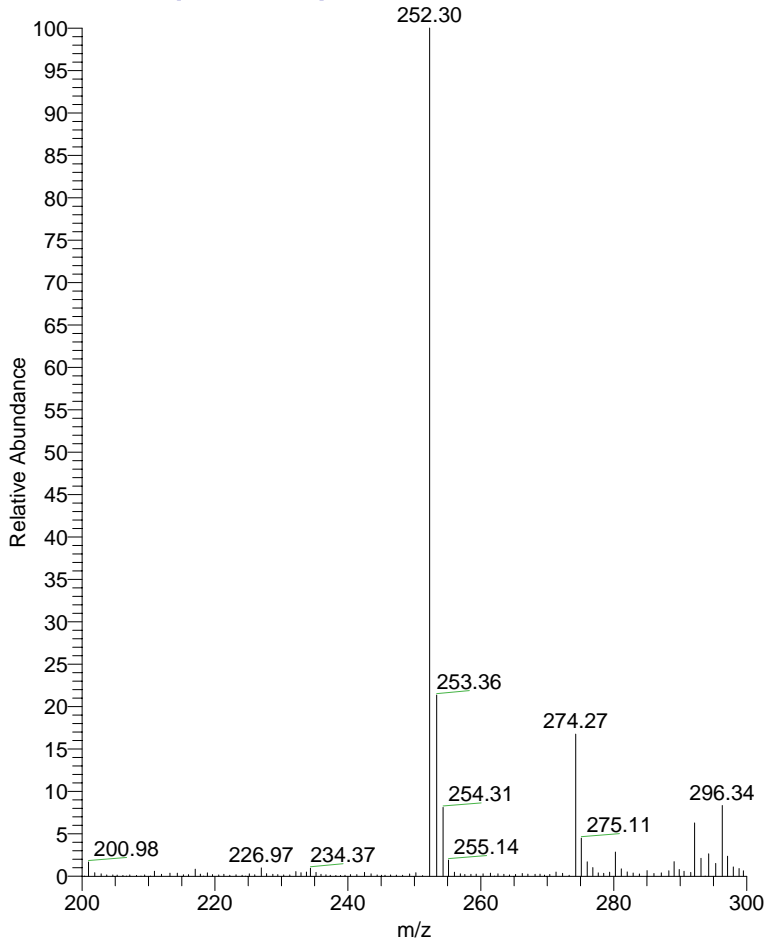
T: + c NSI Full ms [200.00-300.00]

m/z = 251.82-258.18

m/z	Intensity	Relative
252.30	28285874.4	100.00
253.36	6038549.4	21.35
254.31	2294206.3	8.11
255.14	536320.3	1.90
256.02	129420.7	0.46
256.92	76686.1	0.27
257.60	57142.4	0.20

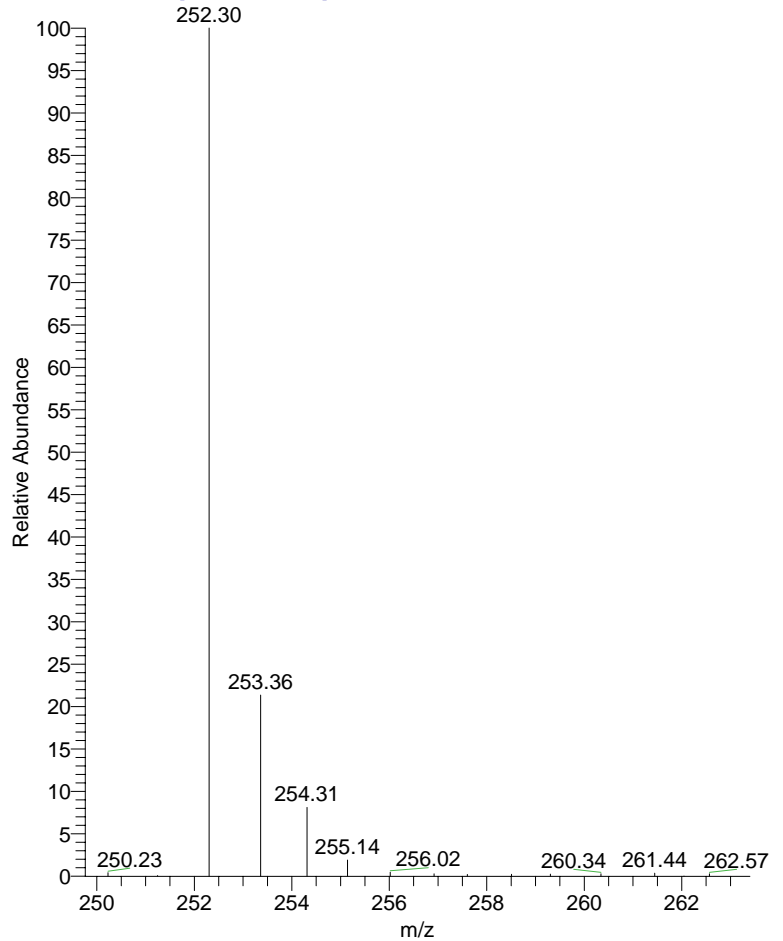
M1779-20051104-Q #1-361 RT: 0.00-2.00 AV: 361 NL: 2.83E7

T: + c NSI Full ms [200.00-300.00]

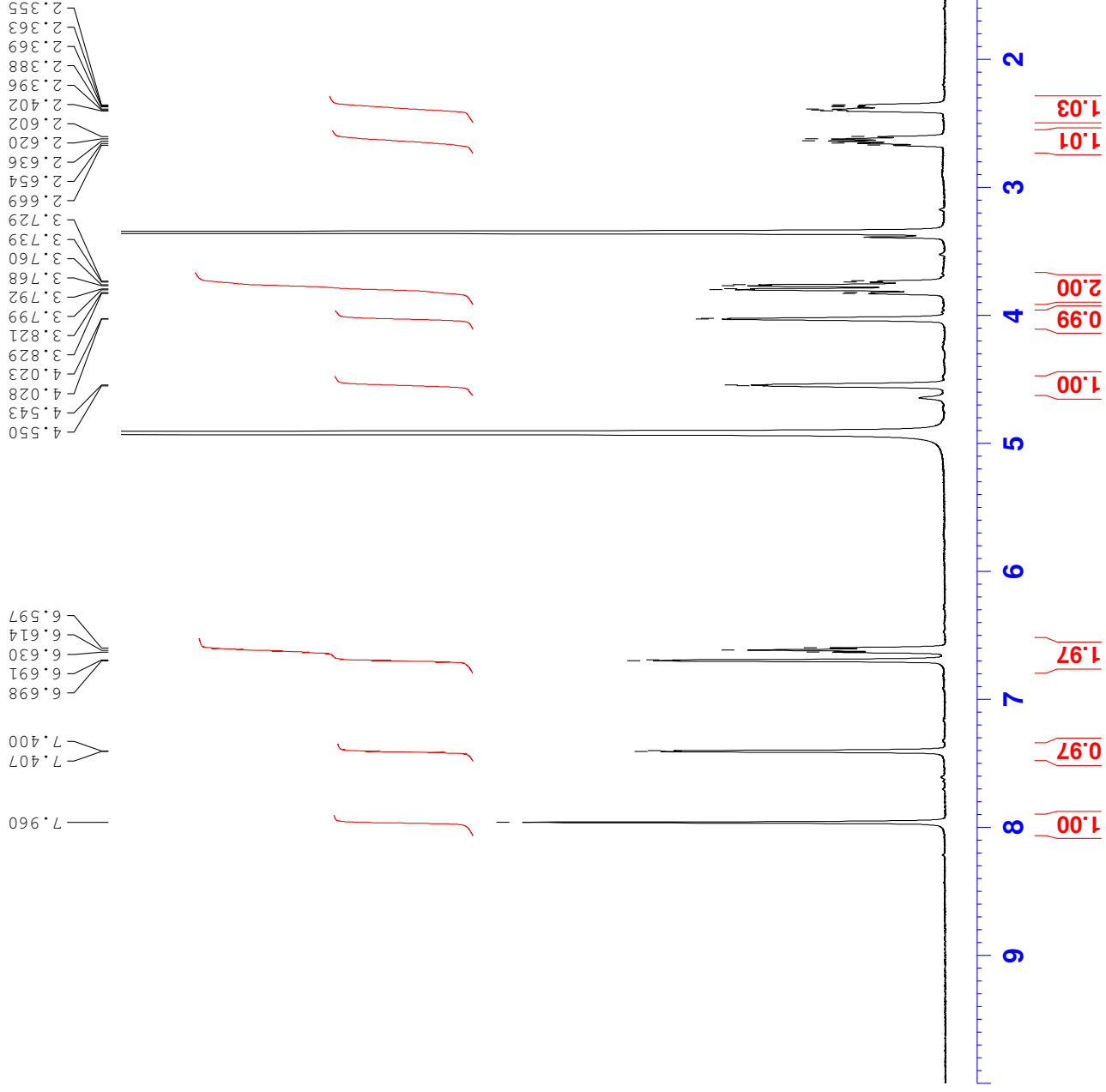


M1779-20051104-Q #1-361 RT: 0.00-2.00 AV: 361 NL: 2.83E7

T: + c NSI Full ms [200.00-300.00]



M1779 1H NMR in MeOD  
Batch 20051104-Q



NAME M1779  
EXPNO 1  
PROCNO 1  
Date\_ 20090721  
Time 11.24  
INSTRUM spect  
PROBHD 5 mm PABBO BB-  
PULPROG zg30  
TD 65536  
SOLVENT MeOD  
NS 512  
DS 2  
SWH 8278.146 Hz  
FIDRES 0.126314 Hz  
AQ 3.9584243 sec  
RG 256  
DW 60.400 usec  
DE 6.50 usec  
TE 294.6 K  
D1 1.00000000 sec  
TD0 1

==== CHANNEL f1 =====  
NUC1 1H  
P1 14.50 usec  
PL1 -0.70 dB  
PL1W 10.03411102 W  
SFO1 400.1324710 MHz  
SI 32768  
SF 400.1299917 MHz  
WDW no  
SSB 0  
LB 0.00 Hz  
GB 0  
PC 1.00



21/Jul/09 15:09:33

Peak detection

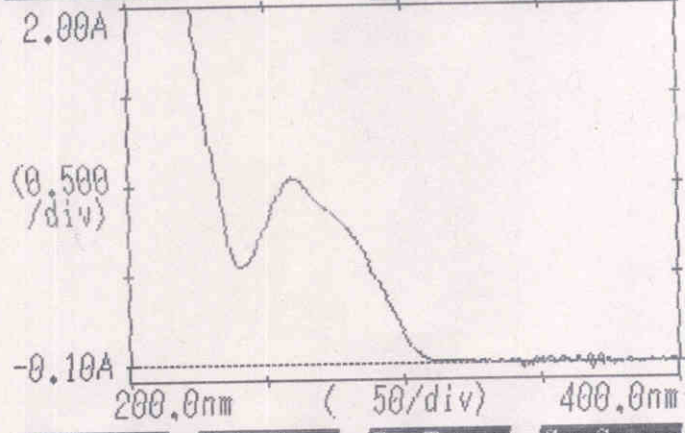
Abscis.	ABS	Abscis.	ABS
260.0	1.046		

Graph PrintOut Valley

21/Jul/09 15:10:12

Spectrum

400.0nm -0.002A



Zoom DataProc ExtTrans SawCurve