



NEWMIND  
47 W. Polk St. STE 100-241  
Chicago, IL 60605

newmind@newmind.com  
www.newmind.com

## CERTIFICATE OF ANALYSIS

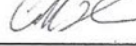
### Certificate of Analysis

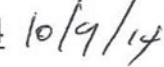
Synaptent LLC

Laboratory Number: 4299

Product Name	Coluracetam	Client Lot Number	20140701
Report Date	10/09/14	Order #	SNT_0026

Test	Result
Proton-NMR	Conforms
HPLC-Assay	101.2%
Heavy Metals ICP-MS	ppm
Arsenic	<0.001
Cadmium	0.003
Lead	0.076
Mercury	0.019

Collin Thomas   
Laboratory Manager

10/09/2014   
Date

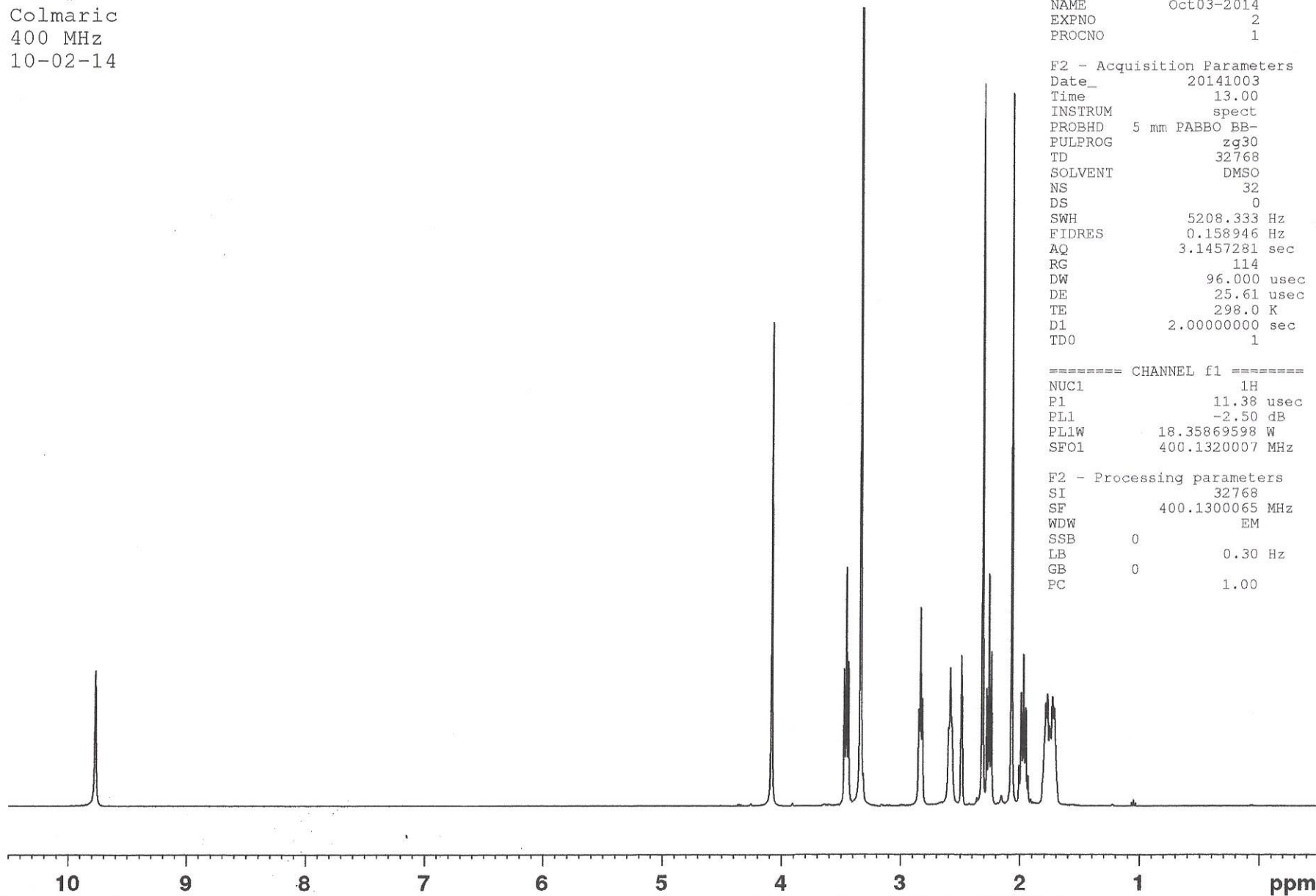
1H NMR of Coluracetam in DMSO  
Lot # 4299  
Colmaric  
400 MHz  
10-02-14

Current Data Parameters  
NAME Oct03-2014  
EXPNO 2  
PROCNO 1

F2 - Acquisition Parameters  
Date\_ 20141003  
Time 13.00  
INSTRUM spect  
PROBHD 5 mm PABBO BB-  
PULPROG zg30  
TD 32768  
SOLVENT DMSO  
NS 32  
DS 0  
SWH 5208.333 Hz  
FIDRES 0.158946 Hz  
AQ 3.1457281 sec  
RG 114  
DW 96.000 usec  
DE 25.61 usec  
TE 298.0 K  
D1 2.00000000 sec  
TD0 1

==== CHANNEL f1 =====  
NUC1 1H  
P1 11.38 usec  
PL1 -2.50 dB  
PL1W 18.35869598 W  
SFO1 400.1320007 MHz

F2 - Processing parameters  
SI 32768  
SF 400.1300065 MHz  
WDW EM  
SSB 0  
LB 0.30 Hz  
GB 0  
PC 1.00



1.00

2.01

2.02

2.01

1.88

2.98

2.06

2.99

2.05

4.12