

Supplementary data:

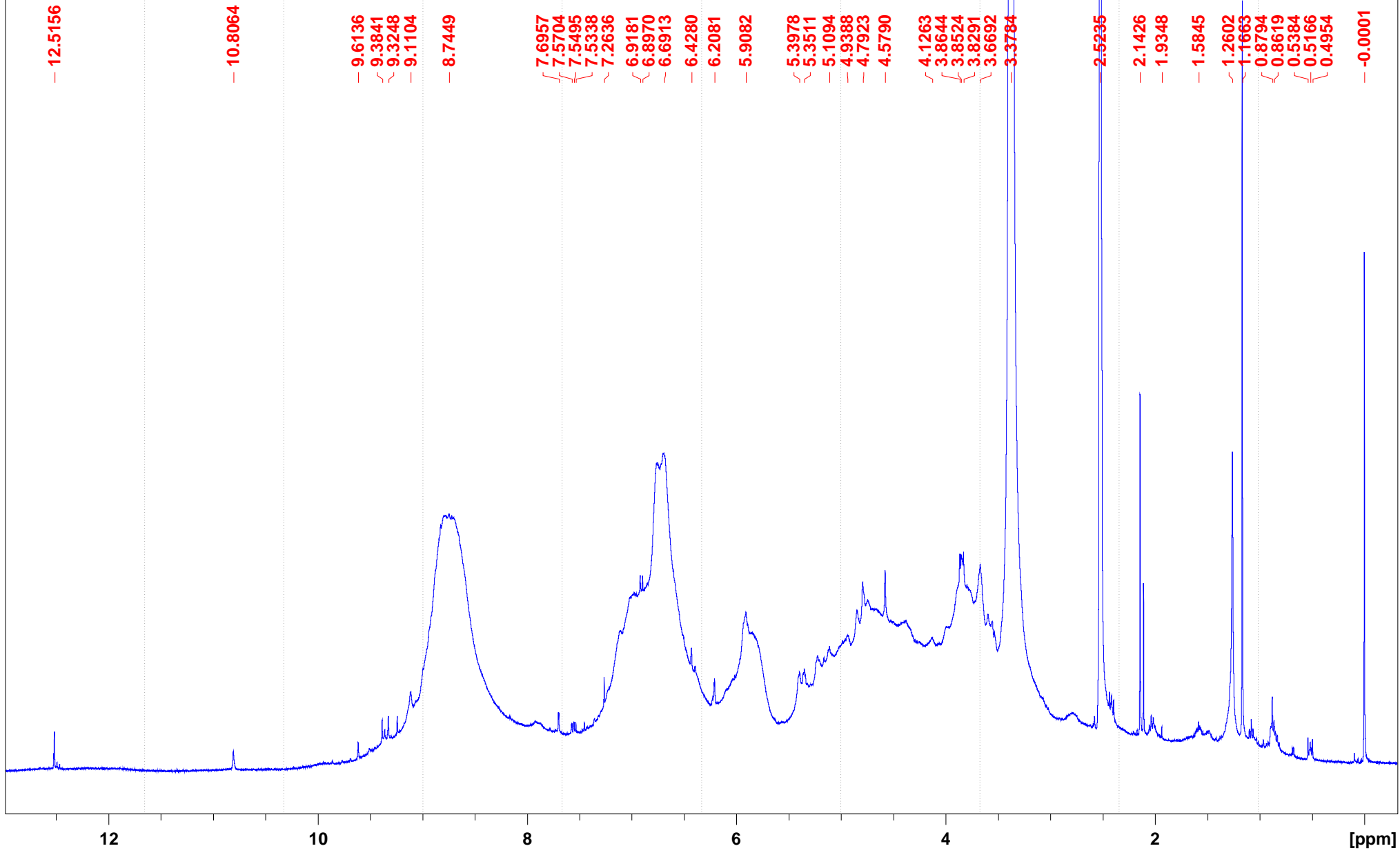
¹H NMR spectra were acquired in d₆-DMSO with DSS as internal standard.

Instrumentation: Bruker Avance III 400 MHz NMR spectrometer. Spectra were collected and processed using Bruker Topspin and Assure-RMS software.

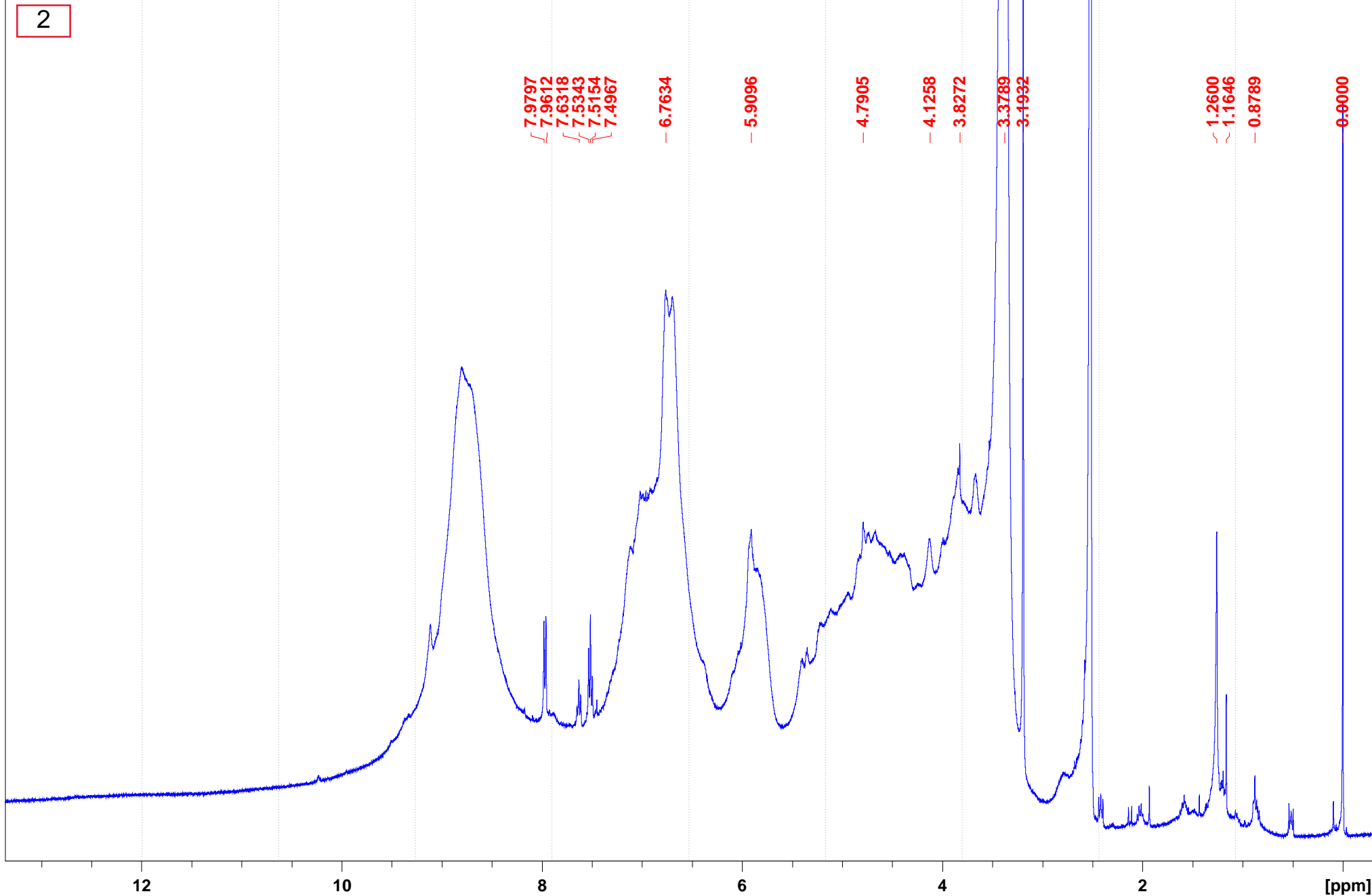
1. NDMac fraction
2. MCI-2 subfraction
3. MCI-3 subfraction
4. NDMet fraction
5. Quercetin standard
6. Quercetin-3-O-galactoside (hyperoside) standard
7. Myricetin standard
8. Cyanidin-3-O-galactoside standard
9. Procyanidin A2 standard
10. Proanthocyanidin fraction isolated from whole cranberries (Patel, et al, 2011)

NDMac KP2-10-2
BD_ASSURE_1H DMSO

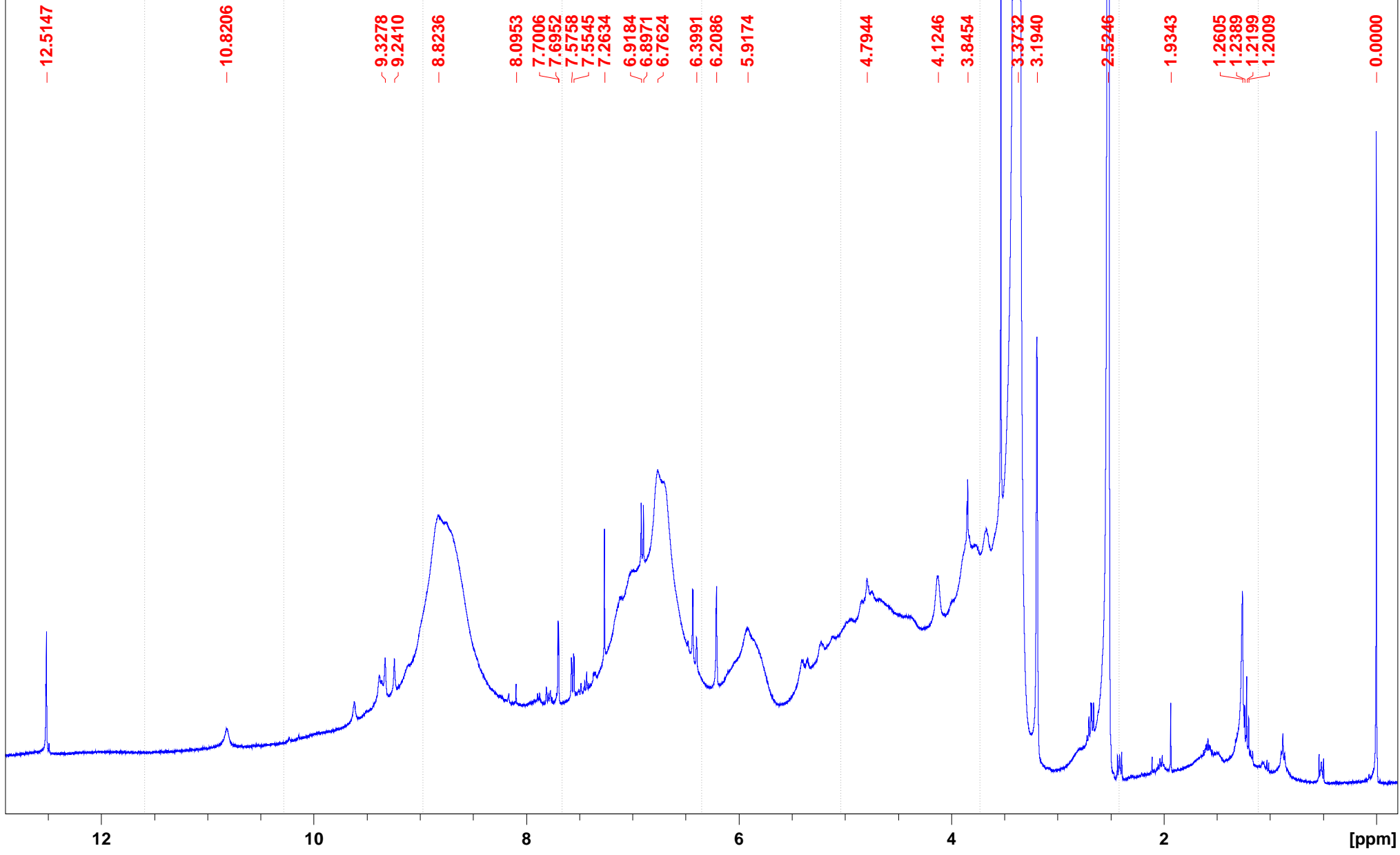
1



2

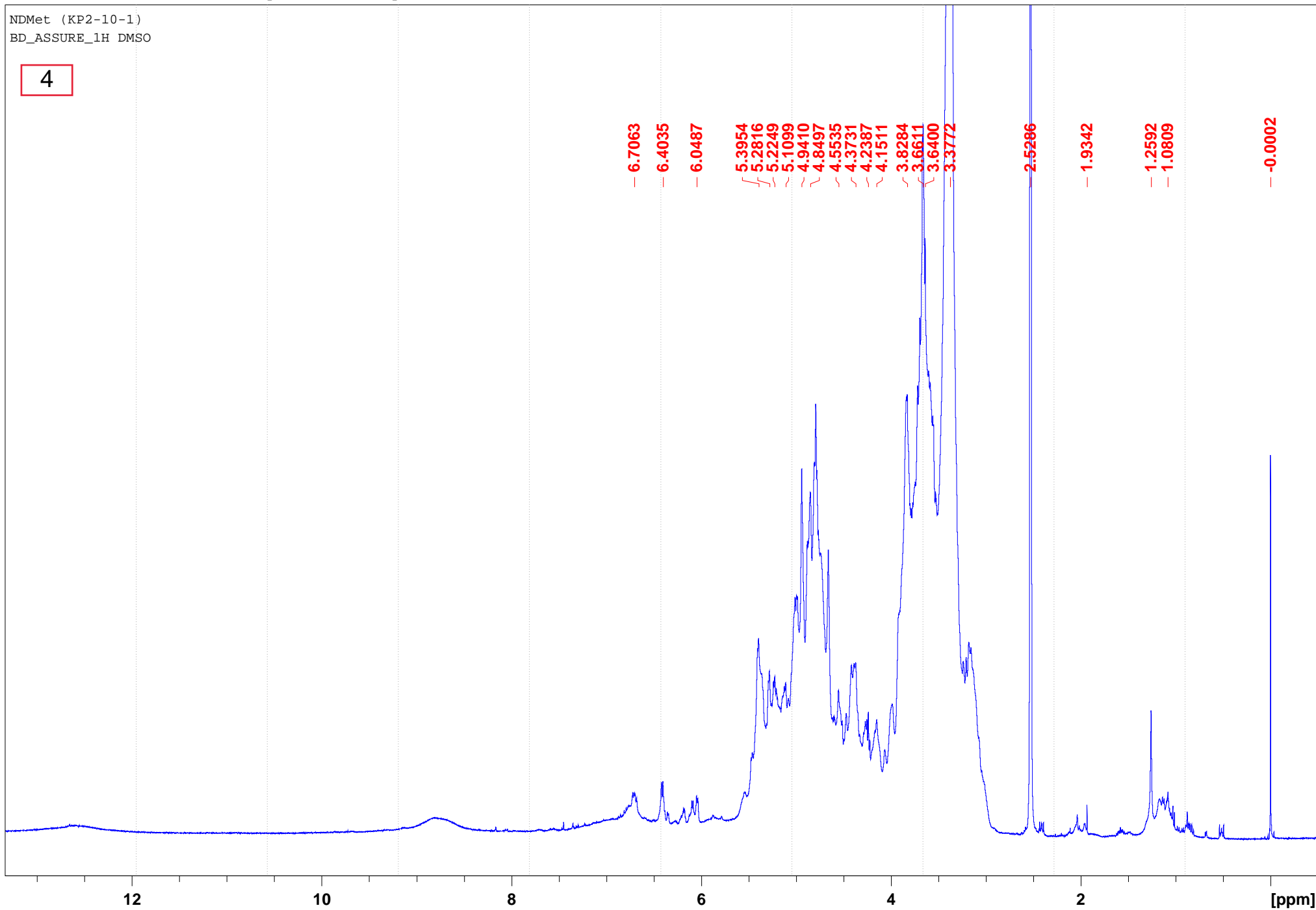


3



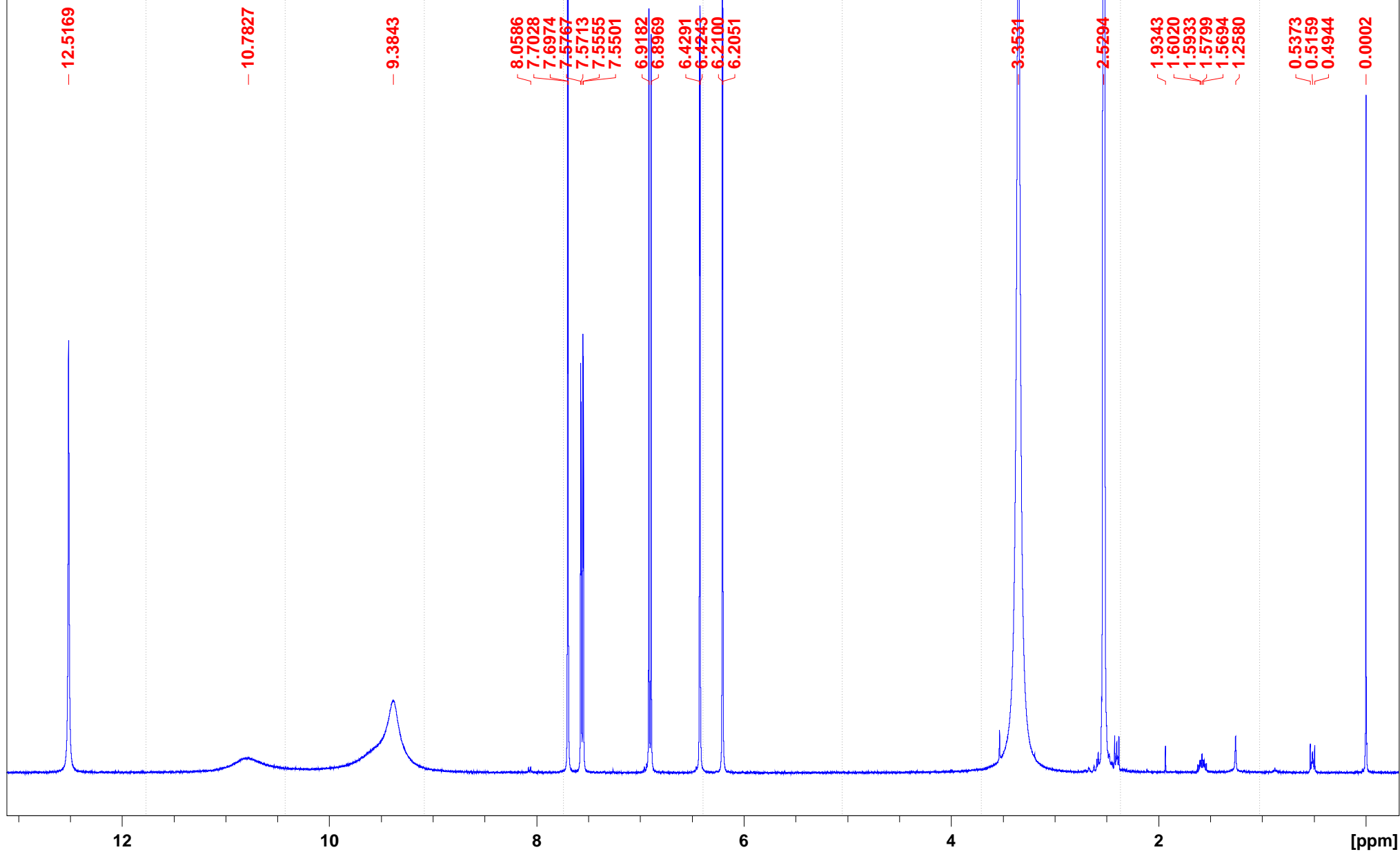
NDMet (KP2-10-1)
BD_ASSURE_1H DMSO

4



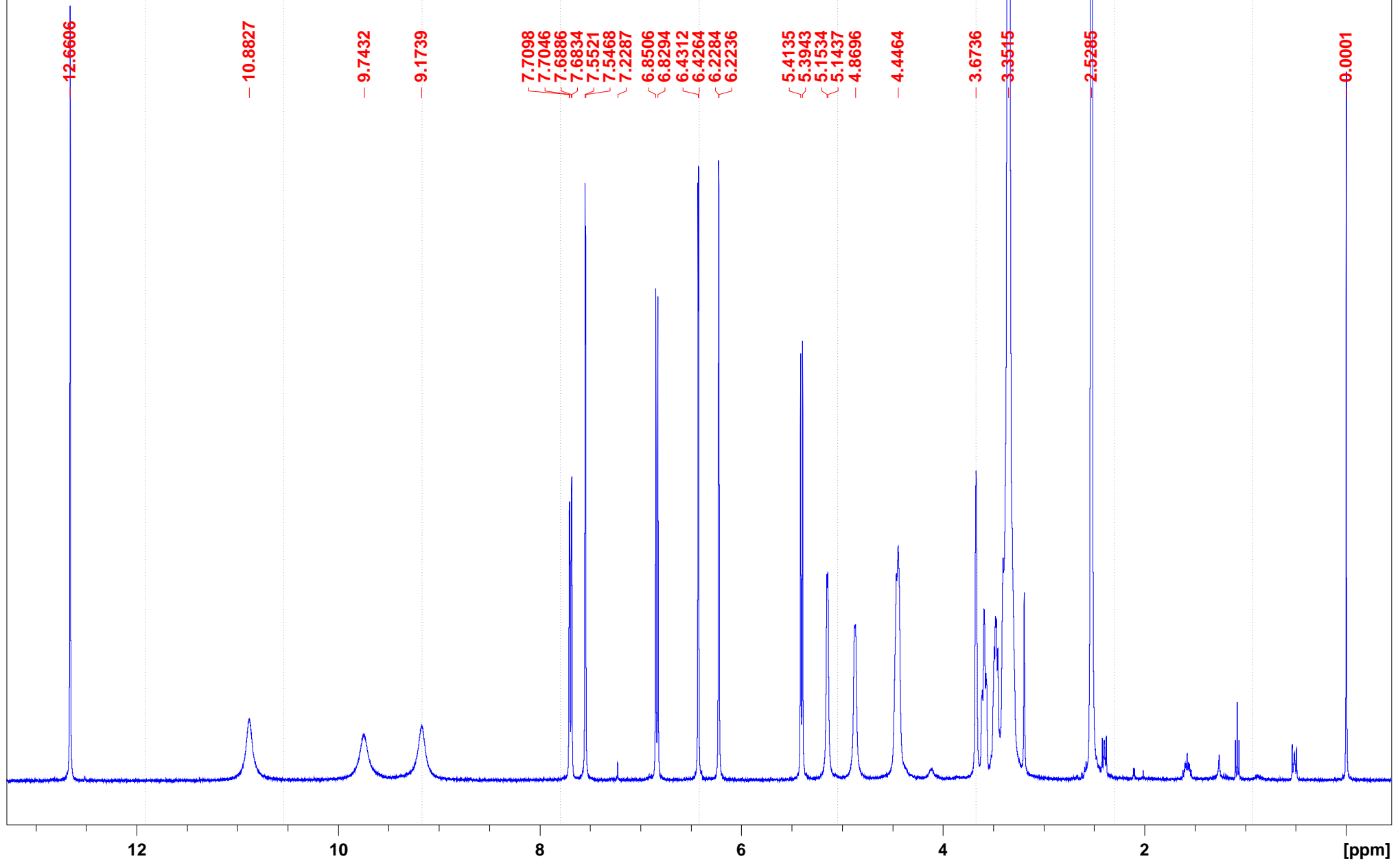
Quercetin Dihydrate
BD_ASSURE_1H DMSO

5



hyperoside standard
BD_ASSURE_1H DMSO

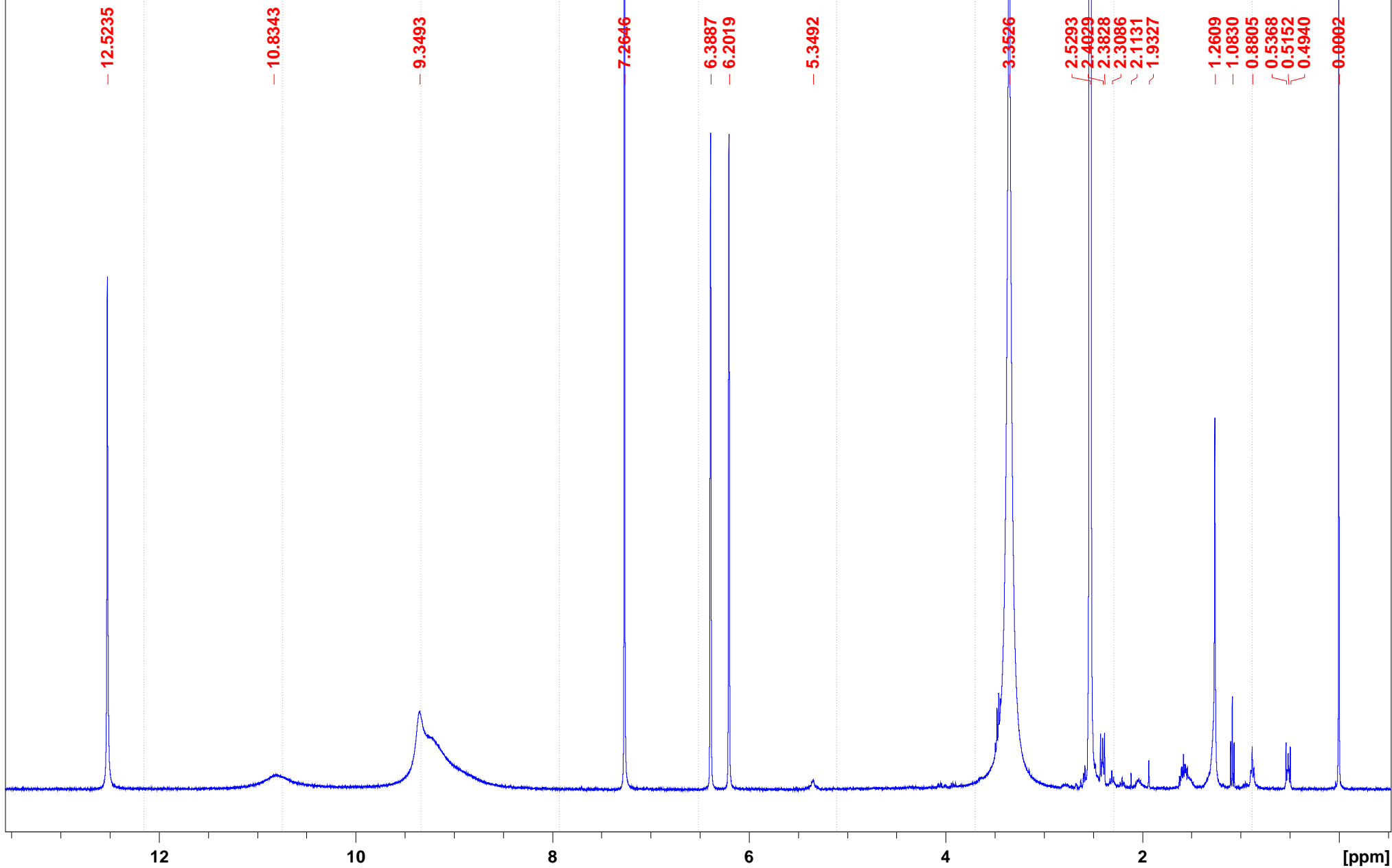
6



Myricetin 11 1 C:\data\Neto\amilstead\data\amilstead\Standards

BD_ASSURE_1H DMSO {C:\data\Neto\amilstead} amilstead 51

7

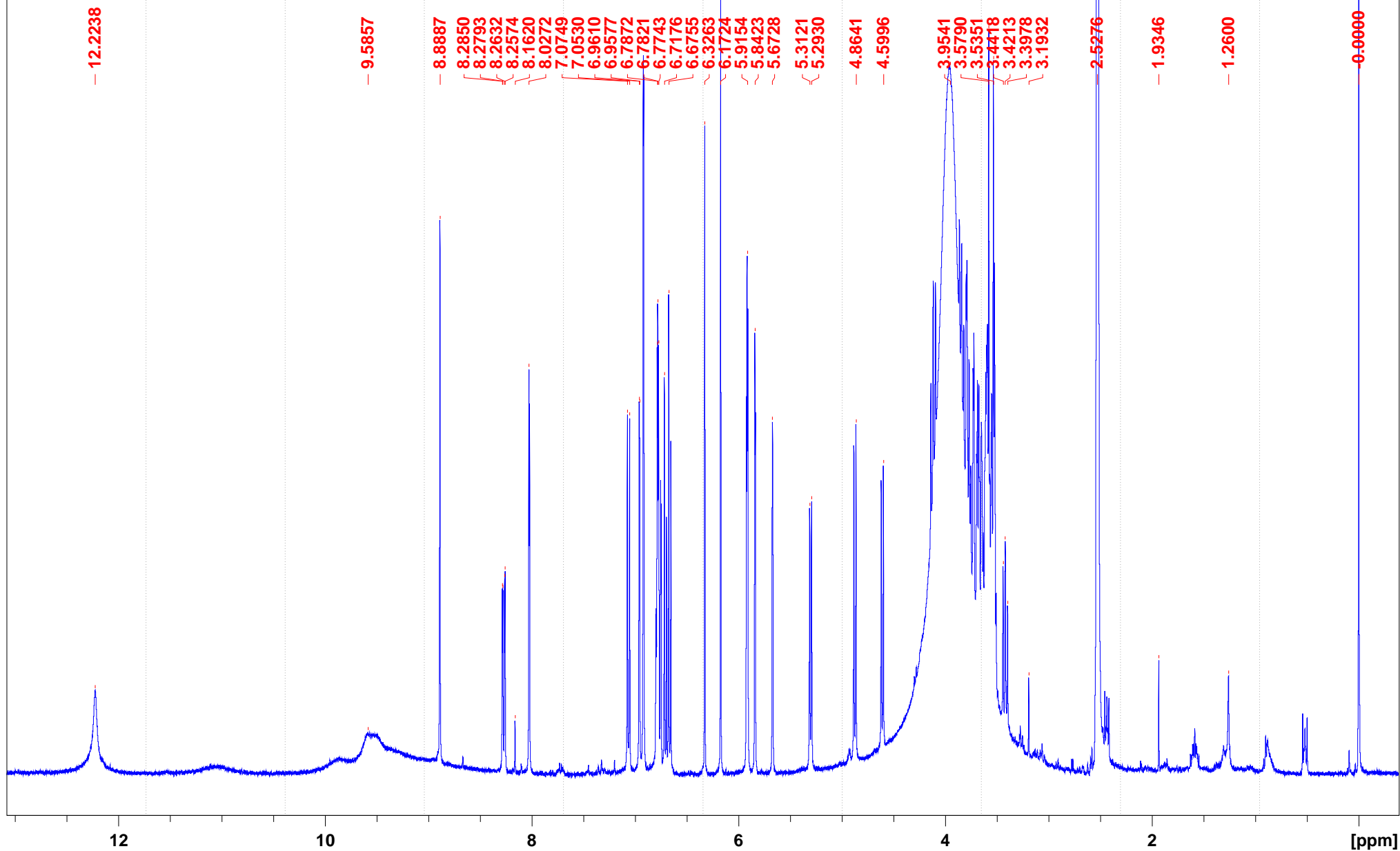


"Apr18-2014-bsong-cyanidin-3-galactoside 10mmol-L" 11 1 C:\data\Neto\BiqinSong\data\bsong\nmr

cyanidin-3-galactoside 10mmol-L

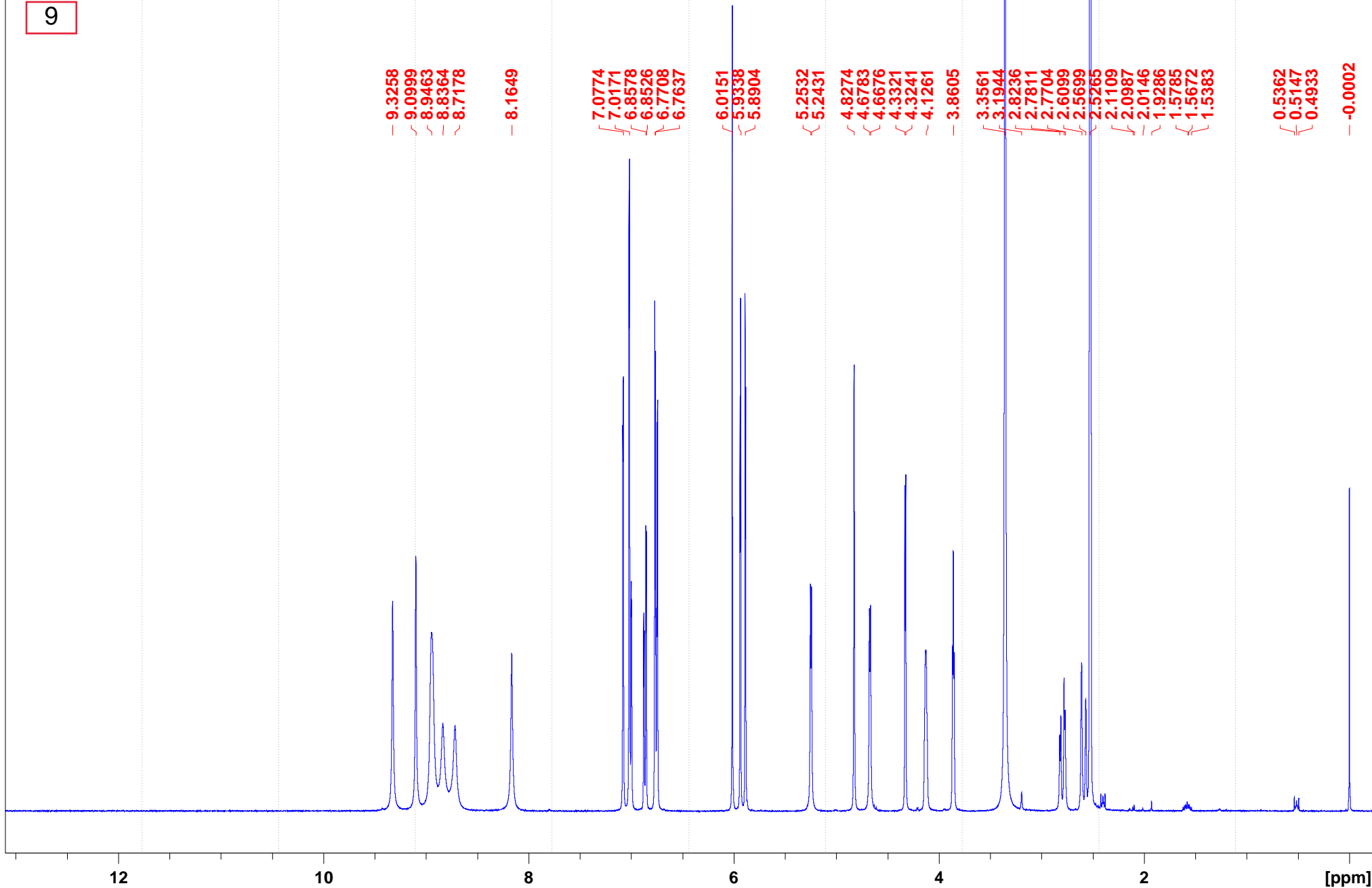
BD_ASSURE_1H DMSO {C:\data\Neto\BiqinSong} bsong 26

8



procyanidin A2-10 mmol-L
BD_ASSURE_1H DMSO

9



10

