

Appendix II:

^1H NMR

Spectra

Of

Ligands

And

Complexes

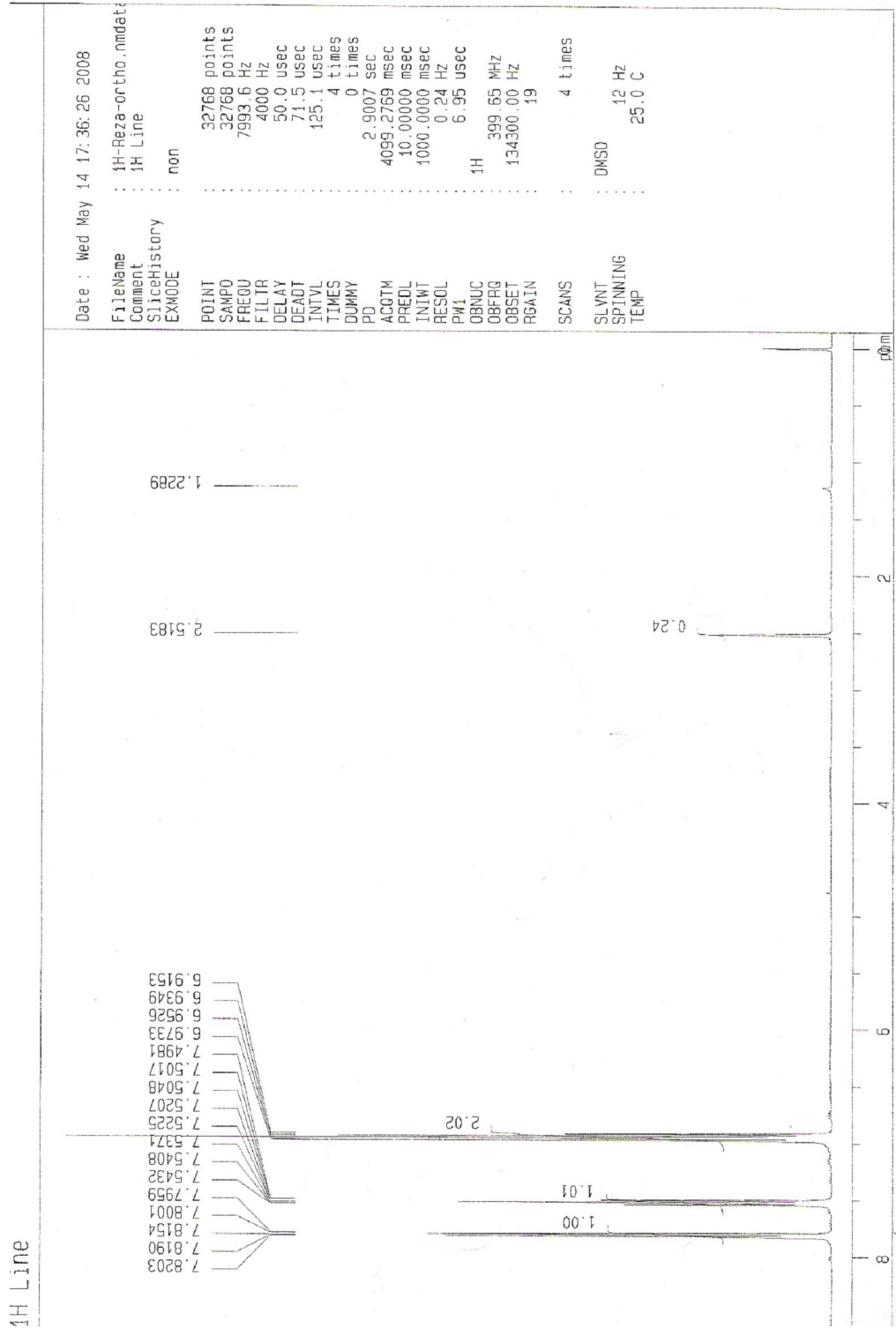


Figure 15. ¹H NMR spectrum of o-hydroxybenzoic acid

1102

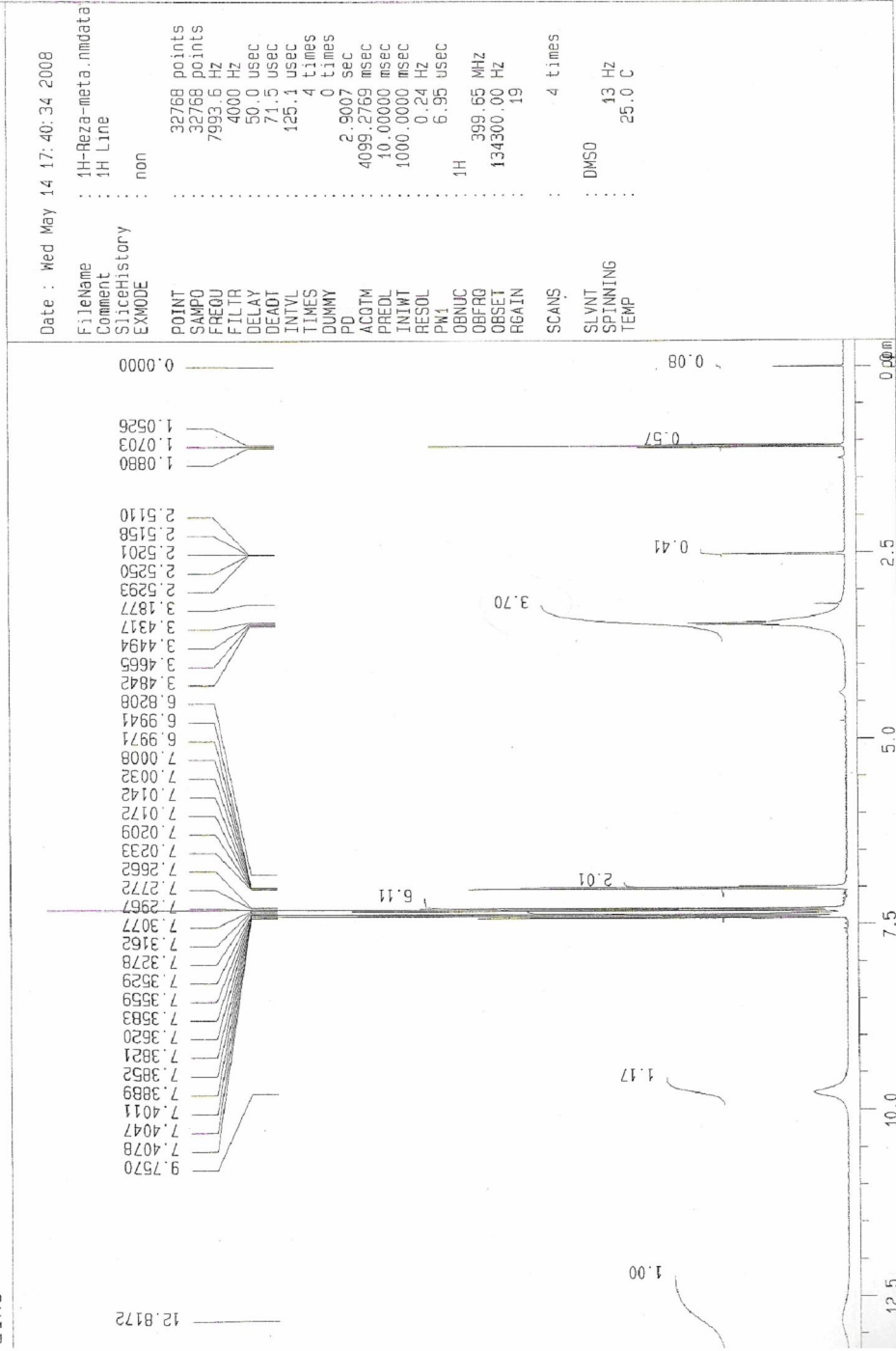


Figure 16. ¹H NMR spectrum of m-hydroxybenzoic acid

Line

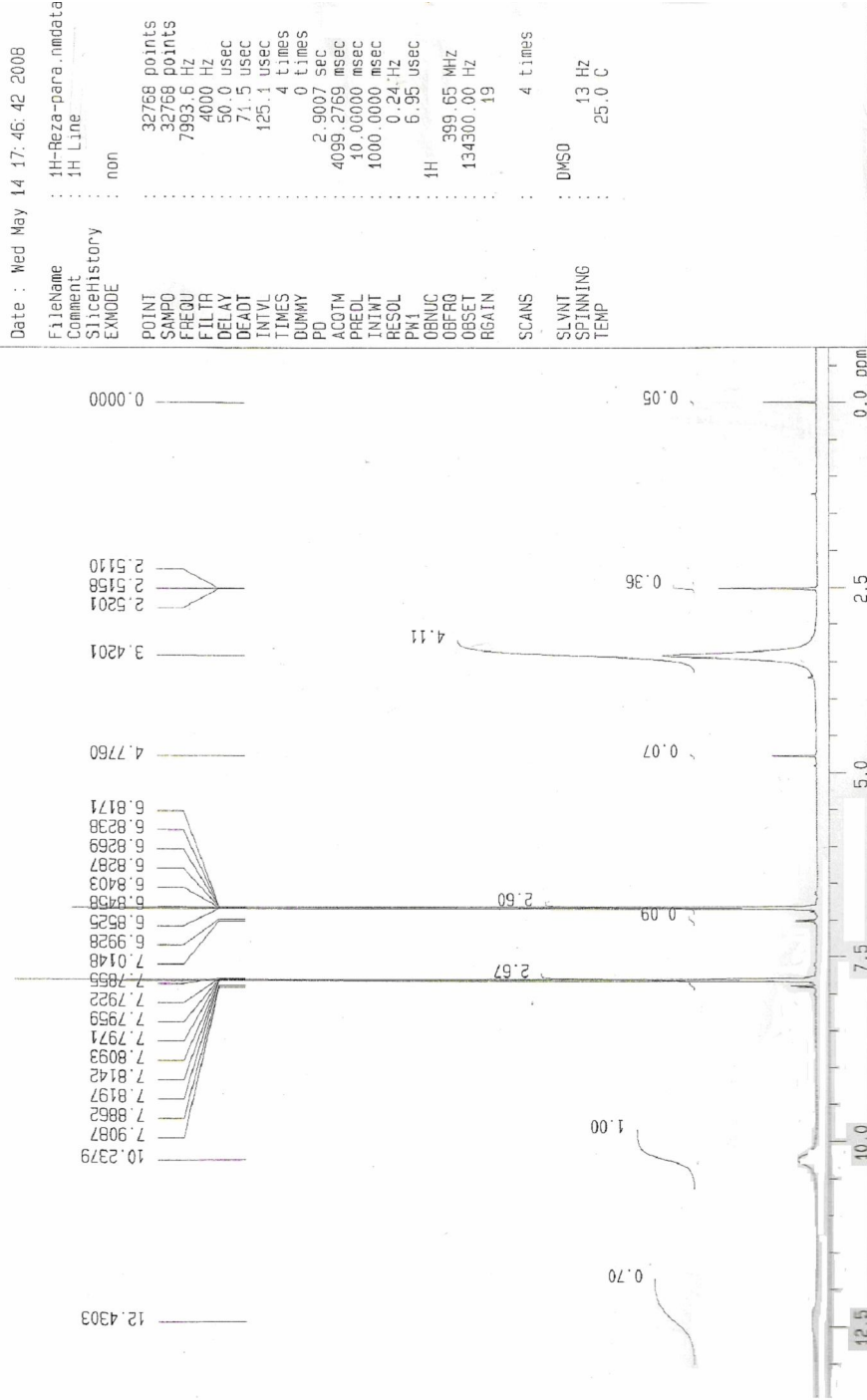


Figure 17. ¹H NMR spectrum of p-hydroxybenzoic acid

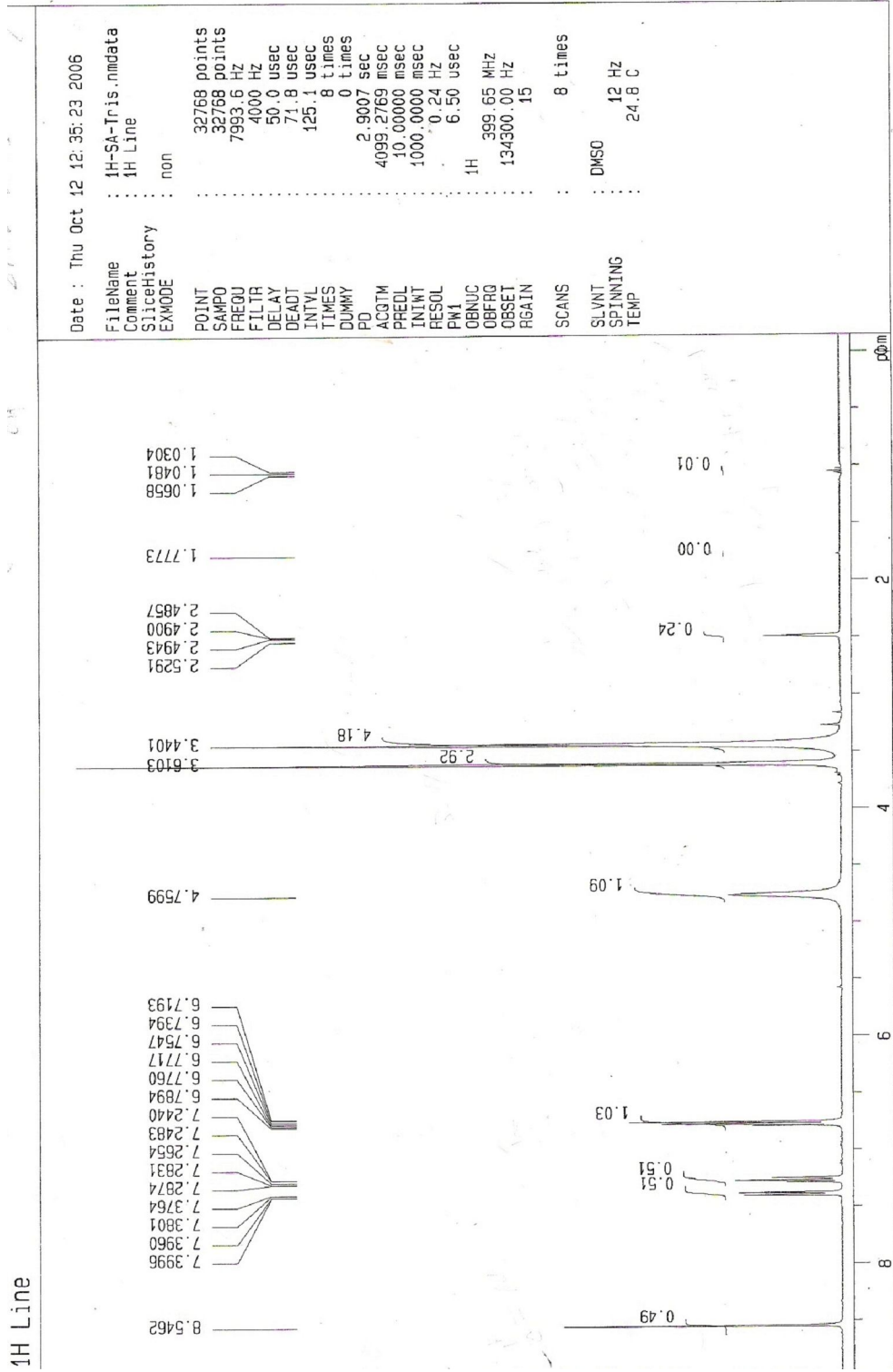


Figure 18. ¹H NMR spectrum of [2-Salicylidenedimino-2-(hydroxymethyl)-1,3-dihydroxypropane] (saltris)

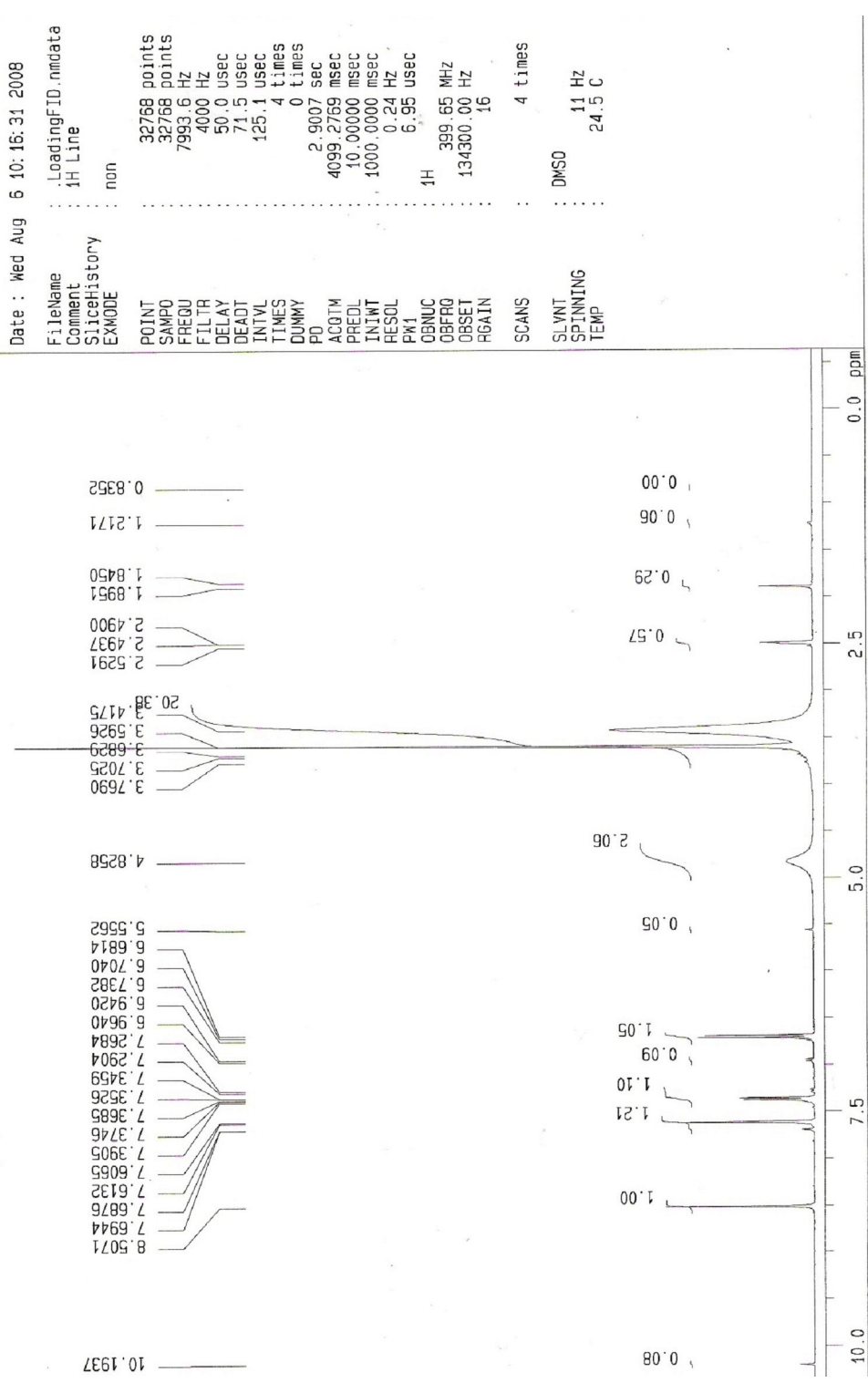


Figure 20. ¹H NMR spectrum of 5-bromo[2-Salicylidenedimino-2-(hydroxymethyl)-1,3-dihydroxypropane] (5-bromosaltris)



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 temp : 0.2 [Hz] : 0.0 [s]
 trapezoid3 : 0 [%] : 80 [%] : 100 [%]
 serofill : TRUE : TRUE : TRUE : TRUE
 machinphase
 ppm

Derived from: 1H-reza-18-7-07-1.jdf

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Author        = delta
Experiment    = single_pulse.ex2
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Solvent       = CHLOROFORM-D
Creation time  = 18-JUL-2007 10:10:21
Start time    = 18-JUL-2007 10:10:21
Current time  = 18-JUL-2007 10:10:25

Comment       = single_pulse
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Dim_2         = 1H
Dim_3         = [ppm]
Dim_4         = X
Dimensions    = ECA 400
Spectrometer  = DELTA2_DMR

Field strength = 9.2982153 [T] (400 [MHz]
X_acq duration = 2.20725248 [s]
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X_offset      = 1 [ppm]
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X_resolution  = 7.42280285 [MHz]
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Irr_freq      = 95.88430144 [MHz]
Irr_offset    = 1 [ppm]
Tri_domain    = 1H
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Tri_offset    = 5 [ppm]
Mod_return    = FALSE
Total_scans   = 8
              = 8

X_90_width    = 10.5 [us]
X_acq time    = 2.20725248 [s]
X_angle       = 4.0 [deg]
X_pulse       = 5.25 [us]
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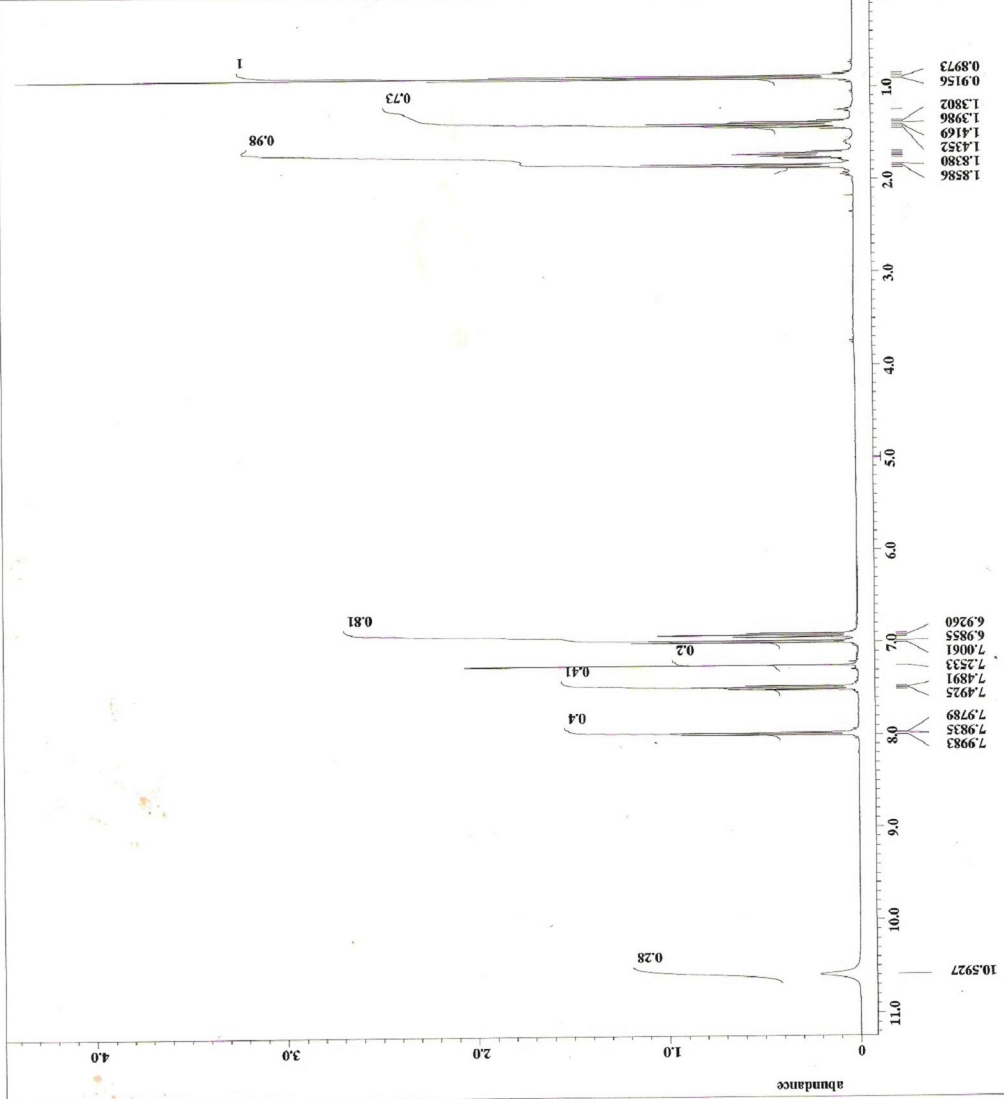


Figure 22. ¹H NMR spectrum of dibutyltin(IV) bis(o-hydroxybenzoate)

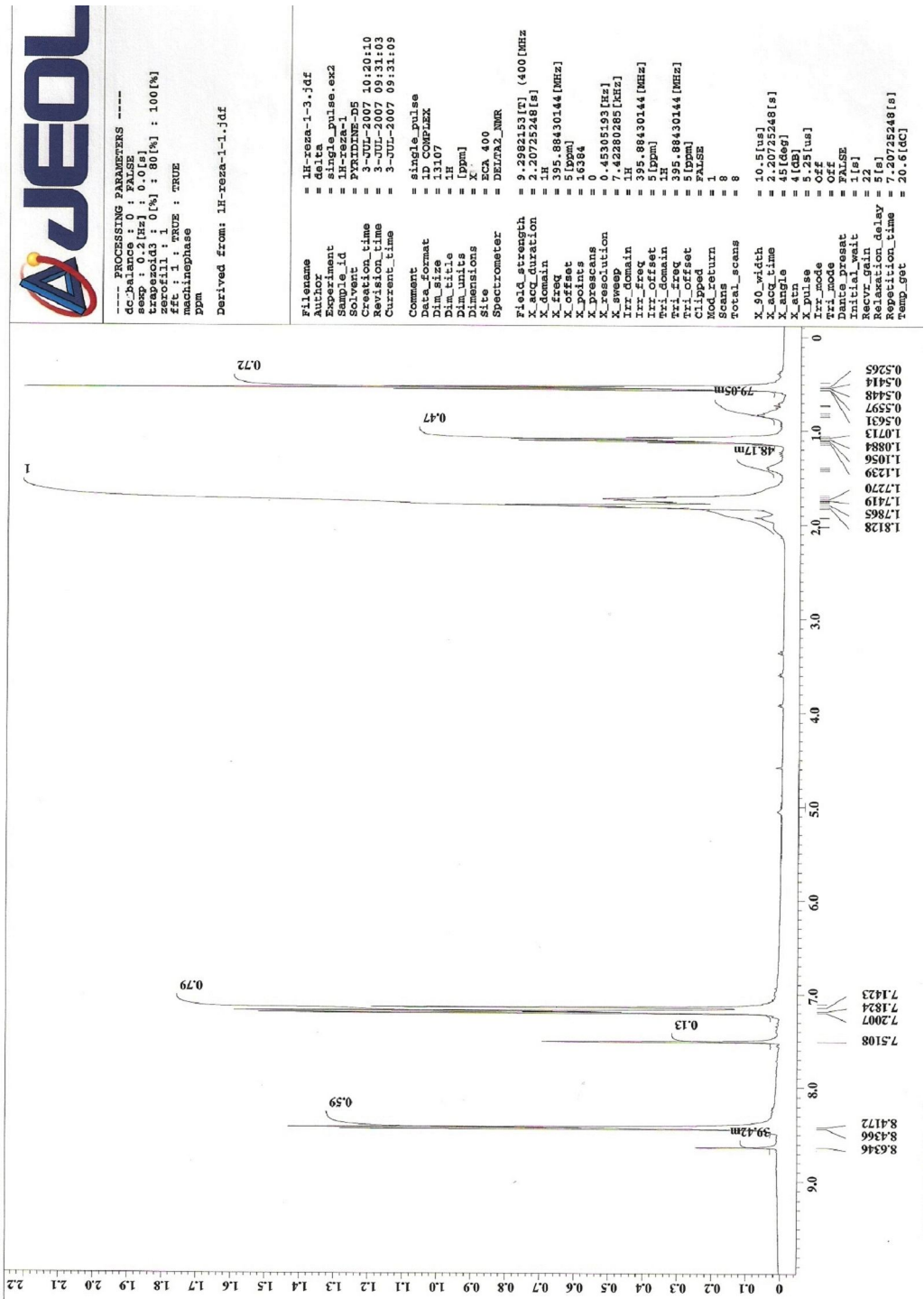


Figure 24. ¹H NMR spectrum of dibutyltin(IV) bis(p-hydroxybenzoate)

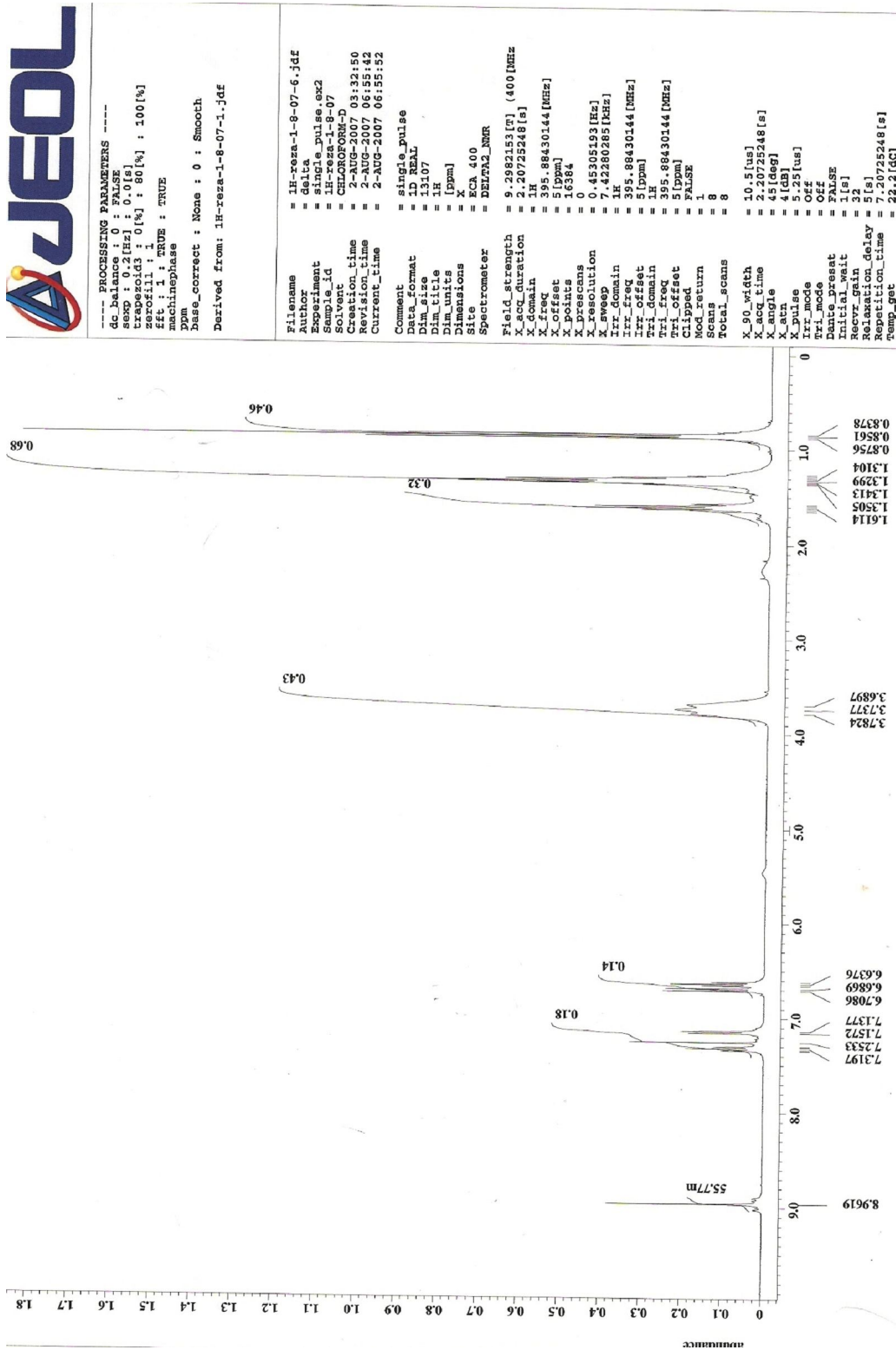


Figure 25. ¹H NMR spectrum of dibutyltin(IV) [2-Salicylideneimino-2-(hydroxymethyl)-1,3-dihydroxypropane]

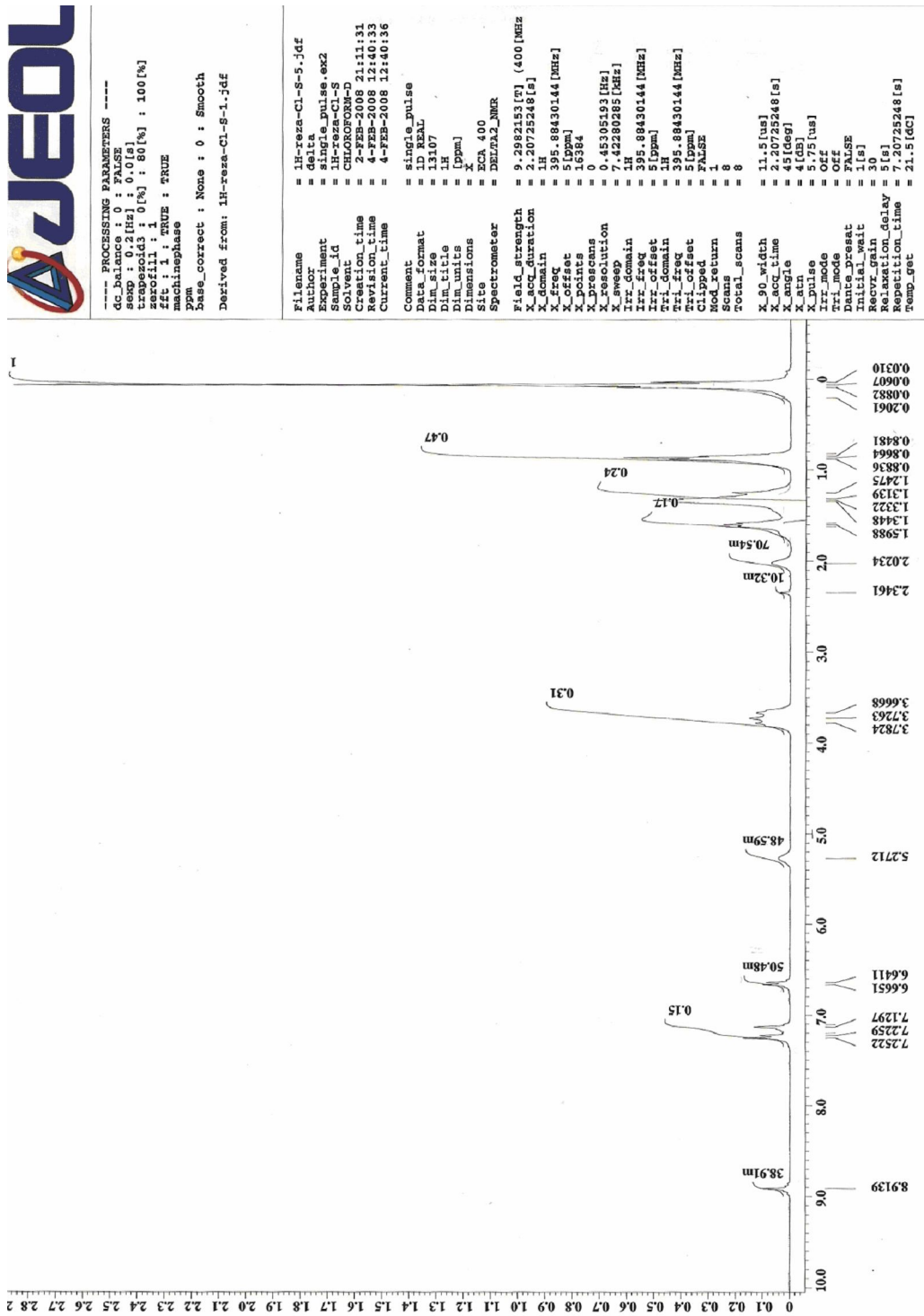


Figure 26 . ¹H NMR spectrum of dibutyltin (IV) 5-chloro[2-Salicylidenedimino-2-(hydroxymethyl)-1,3-dihydroxypropane]

