

Freq = 9.42118 GHz

Power = 1.02 mW

CF = 336.0 mT

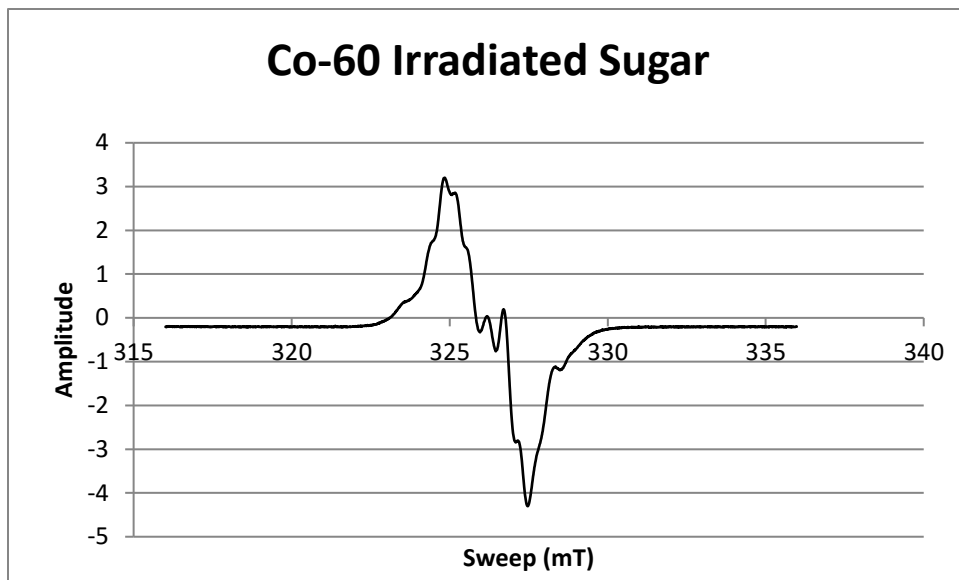
SwWid = +/- 10 mT

SwTime: 8 min

ModWid = 0.1 mT

Amp: 10

Time C = 0.3 s



For similar spectra, see Lab Notebook 3 p41-42 Runs 1-3

Conclusions: The radical formed by the ionizing radiation is still present in the crystal lattice of the sugar

Freq = 9.42089 GHz

Power = 1.03 mW

CF = 336.0 mT

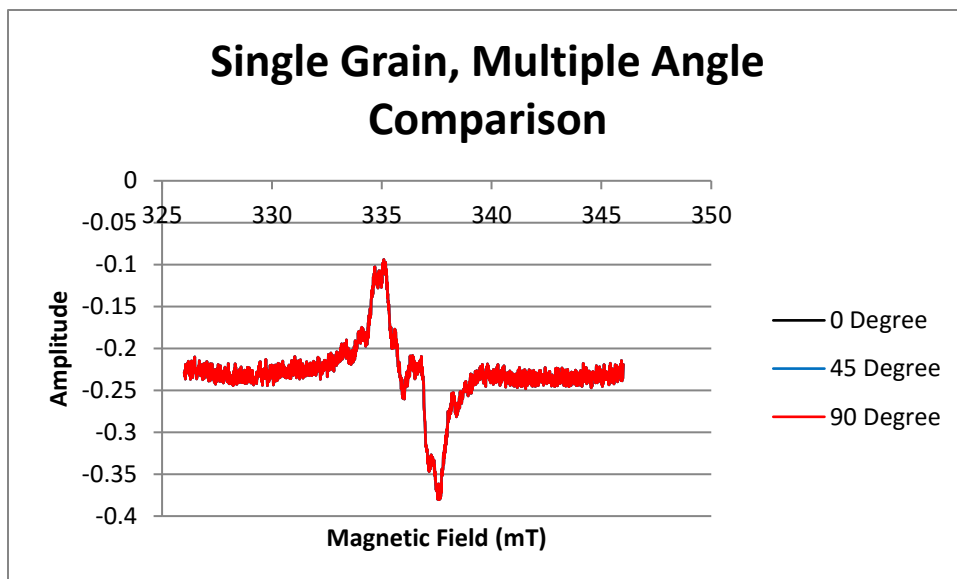
SwWid = +/- 10 mT

SwTime: 8 min

ModWid = 0.1 mT

Amp: 10

Time C = 0.3 s



For similar spectra, see Lab Notebook 3 p43 Sugar 0,45; p45-46 0,45,90

Conclusions: The spectrum of a single grain of Co-60 irradiated sugar was not influenced by the angle of rotation... could this be an effect of grain boundaries?

Freq = 9.42033 GHz

Power = 1.01 mW

CF = 336.0 mT

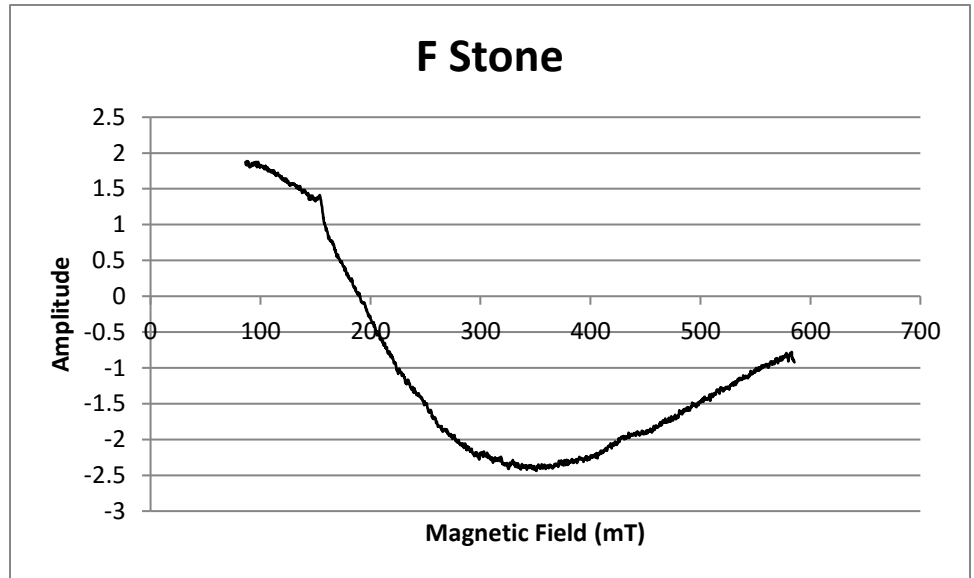
SwWid = +/- 250 mT

SwTime: 2 min

ModWid = 0.1 mT

Amp: 100

Time C = 0.03 s



Conclusions: No fluorine present in the stone