

Run 3

$$\text{Purity of sample Px} = \frac{Ix}{Ical} \times \frac{Ncal}{Nx} \times \frac{Mx}{Mcal} \times \frac{Wcal}{Wx} \times Pcal \times 100$$

$$\text{Purity of sample Px} = \frac{2.96}{3} \times \frac{3}{3} \times \frac{173.21}{137.14} \times \frac{0.0184}{0.0231} \times 0.999 \times 100 = 99.2\%$$

¹H Spectrum

