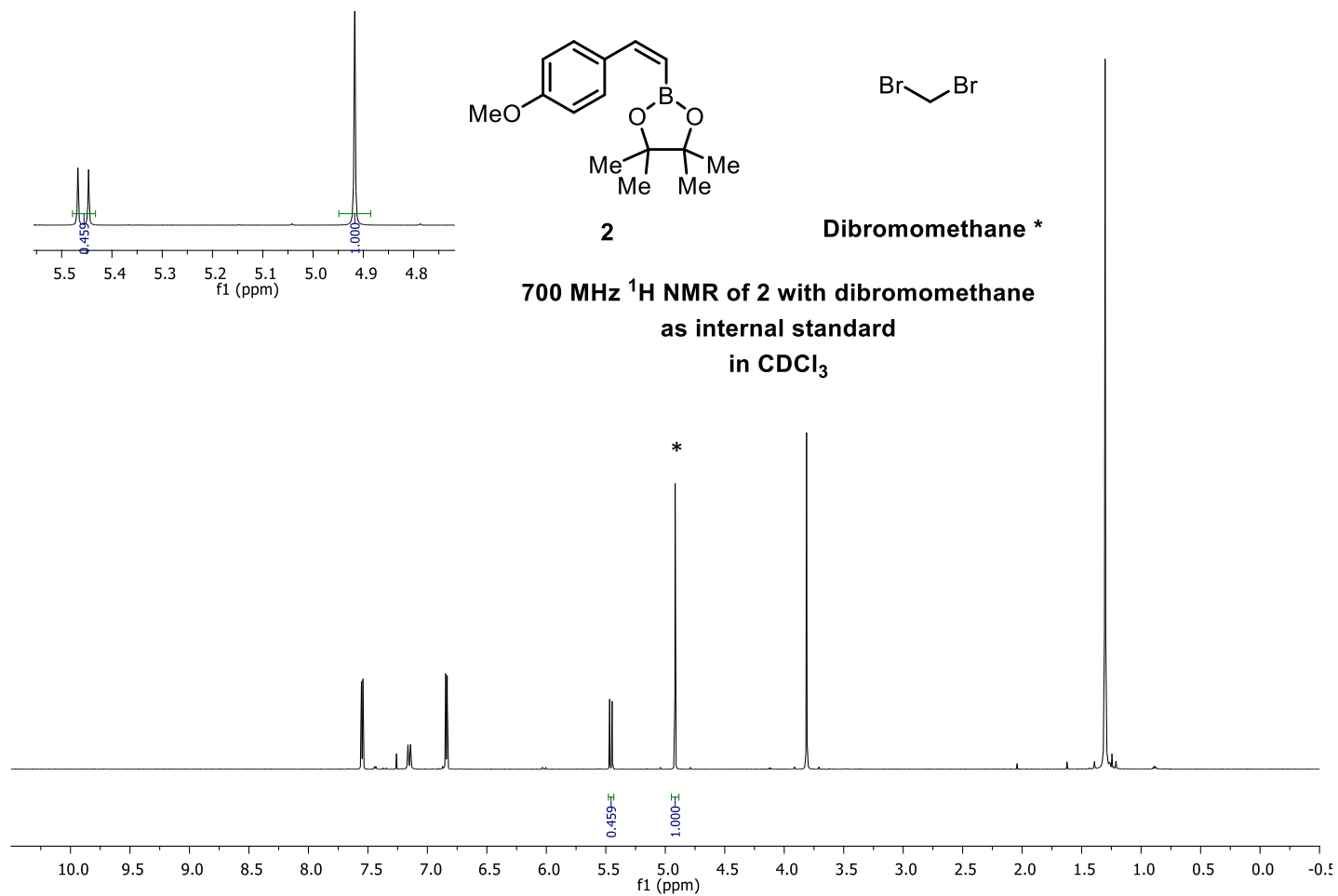




$$\frac{\text{Sample integral} \times \text{No. protons std.} \times \text{mass std} \times \text{MW sample}}{\text{Standard integral} \times \text{No. protons sample} \times \text{mass sample} \times \text{MW std}} \times \text{purity std} = \text{Purity sample}$$

$$\frac{0.459 \times 2 \times 48.2 \times 260.14}{1 \times 1 \times 66.1 \times 173.83} \times 99 = 99.2 \% \approx 99 \%$$