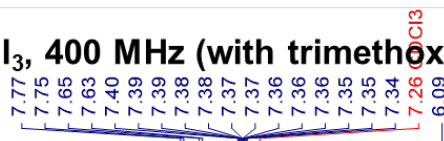


**<sup>1</sup>H NMR, CDCl<sub>3</sub>, 400 MHz (with trimethoxybenzene internal standard)**



$$I_{\text{Analyte}} = 0.88 + 0.90 + 2.22 = 4.00$$

$$I_{\text{CRM}} = 3.00$$

$$P = \frac{I_{\text{Analyte}}}{I_{\text{CRM}}} \cdot \frac{N_{\text{CRM}}}{N_{\text{Analyte}}} \cdot \frac{M_{\text{Analyte}}}{M_{\text{CRM}}} \cdot \frac{m_{\text{CRM}}}{m_{\text{Sample}}}$$

$$= \frac{4.00}{3.00} \cdot \frac{3}{9} \cdot \frac{395.38 \text{ g/mol}}{168.19 \text{ g/mol}} \cdot \frac{12.8 \text{ mg}}{13.6 \text{ mg}} = 98\%$$

