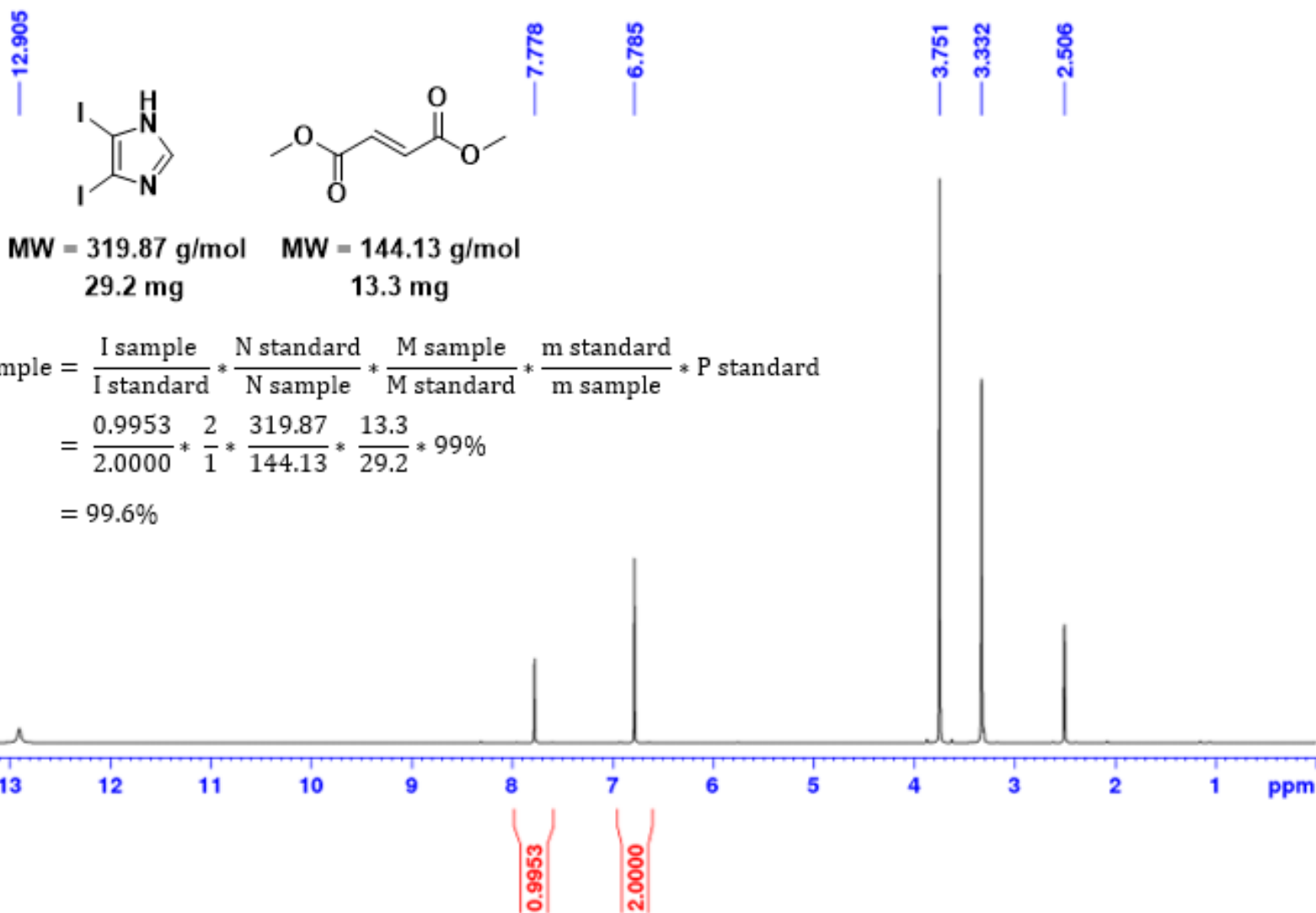


4,5-Diiodo-1H-imidazole Q-NMR  
 13.3mg dimethyl fumarate and 29.2mg product



$$\begin{aligned}
 P_{\text{sample}} &= \frac{I_{\text{sample}}}{I_{\text{standard}}} * \frac{N_{\text{standard}}}{N_{\text{sample}}} * \frac{M_{\text{sample}}}{M_{\text{standard}}} * \frac{m_{\text{standard}}}{m_{\text{sample}}} * P_{\text{standard}} \\
 &= \frac{0.9953}{2.0000} * \frac{2}{1} * \frac{319.87}{144.13} * \frac{13.3}{29.2} * 99\% \\
 &= 99.6\%
 \end{aligned}$$