



Internal standard = 23.3 mg

Sample = 66.9 mg

Molar ratio = (1.01/1)/(1/1) = 1.01

Molar ratio = (1.00/1)/(1/1) = 1.00

MW of 7 = 656.52

MW of internal standard = 226.14

% wt = 101%

% wt = 100%

Averaged: % wt = 100%

$$\% \text{ wt} = \left( \frac{\text{mass of std}}{\text{MW of std}} \times \text{molar ratio} \times \text{MW of cpd} \right) \div \text{mass of cpd}$$