Int= average of normalized integrals values
MW =molecular weight
P =Purity (as percent value)
m = mass
n= number of protons giving rise to a given NMR signal (The total number of protons
is set to one because an average of all normalized integrals is carried out)

$n_{EC} = 1$ $n_3 = 1$
$Int_{EC} = 1.105$ $Int_3 = 1.010$
$MW_{EC} = 88.06$ $MW_3 = 245.32$
$M_{EC} = 8.9$ mg $m_3 = 22.5$ mg
$P_{EC} > 99\ \%$

$$P(\%)= \left(\frac{n_{EC}\cdot Int_3 \cdot MW_3 \cdot m_{EC}}{n_3 \cdot Int_{EC} \cdot MW_{EC} \cdot m_3}\right)\cdot P_{EC} = 96.4\%$$