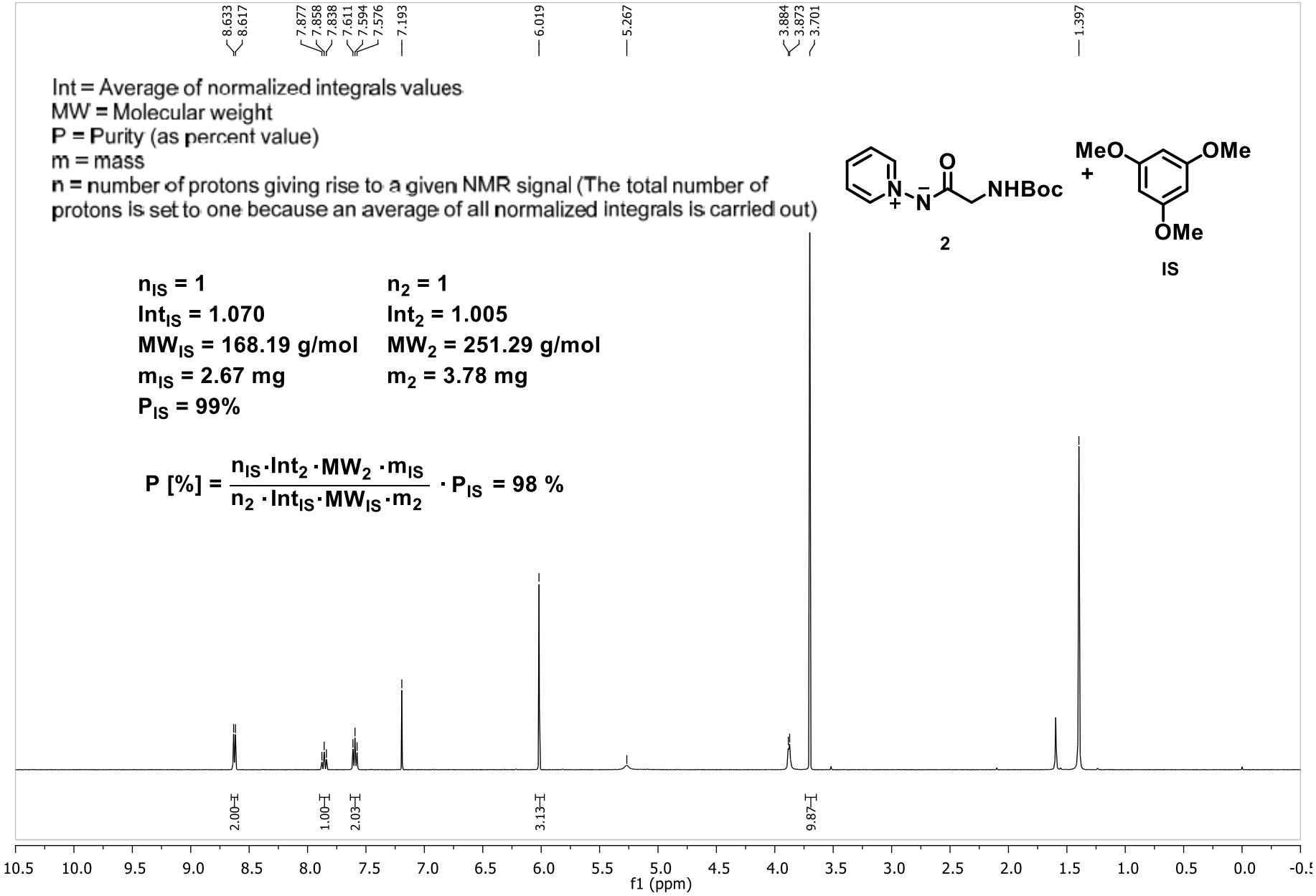
Int = Average of normalized integrals values
MW = Molecular weight
P = Purity (as percent value)
m = mass
n = number of protons giving rise to a given NMR signal (The total number of protons is set to one because an average of all normalized integrals is carried out)

$n_{IS} = 1$ $n_2 = 1$
$Int_{IS} = 1.070$ $Int_2 = 1.005$
$MW_{IS} = 168.19$ g/mol $MW_2 = 251.29$ g/mol
$m_{IS} = 2.67$ mg $m_2 = 3.78$ mg
$P_{IS} = 99\%$

$$P\,[\%] = \frac{n_{IS} \cdot Int_2 \cdot MW_2 \cdot m_{IS}}{n_2 \cdot Int_{IS} \cdot MW_{IS} \cdot m_2} \cdot P_{IS} = 98\ \%$$