



7.26 CDCl₃
 7.17
 7.16
 7.16
 7.15
 6.81
 6.81
 6.81
 6.69
 6.69
 6.67
 6.28
 6.23
 6.22
 6.21
 6.20

— 2.28

Internal standard = 9.5 mg

Mw(std) = 120.19 g/mol

Sample (**1**) = 9.41 mg

Mw(**1**) = 112.08 g/mol

molar ratio = (1.00/1)/(8.30/9) = 1.08

%P(std) = 97%

$$wt\% = \frac{m(std) \times Mw(1) \times \text{molar ratio} \times P(std)}{m(1) \times Mw(std)} \times 100 = 99\%$$

