

^1H , 400 MHz, CDCl_3

Purity determined to be **99.7 wt%** versus 1,3,5-trimethoxybenzene as internal standard.

16 scans, relaxation delay (d1) = 30 s

Internal standard = 47.2 mg

Sample = 46.1 mg

%P of Standard = 99.96wt%

MW of **1** = 135.17 g/mol

MW of Standard = 168.19 g/mol

$$\text{wt}\% = \frac{mg_{std} \times MW_{cpd} \times I_{cpd} \times nH_{std} \times potency_{std}}{mg_{cpd} \times MW_{std} \times I_{std} \times nH_{cpd}}$$

$$99.7 \text{ wt}\% = \frac{(47.2 \times 135.17 \times 36.37 \times 9 \times 99.96)}{(46.1 \times 168.19 \times 90.00 \times 3)}$$

