

61Apr0326.70.fid  
 Auftraggeber Maulide  
 ELTC 845 qNMR



Purity determined to be 99.4% versus 1,3,5-trimethoxybenzene as an internal standard.

16 scans, relaxation delay (d1) = 35 s

Internal standard = 19.5 mg

Sample = 29.7 mg

%P of Standard = 98.0%

MW of 1 = 261.37 g/mol

MW of standard = 168.19 g/mol

$$wt\% = \frac{mg_{std} \times MW_{cpd} \times I_{cpd} \times nH_{std} \times potency_{std}}{mg_{cpd} \times MW_{std} \times I_{std} \times nH_{cpd}} \times 100$$

$$99.4\% = \frac{19.5 \times 261.37 \times 9.95 \times 3 \times 0.98}{29.7 \times 168.19 \times 30 \times 1} \times 100$$
