7Apr0126.100.fid
Auftraggeber Maulide
ELTC is 1H qNMR Methoxybenzene

Purity determined to be 98.9% versus 1,3,5-trimethoxybenzene as an internal standard.

16 scans, relaxation delay (d1) = 35 s
Internal standard = 18.5 mg
Sample = 28.7 mg
%P of Standard = 98.0%
MW of 1 = 144.17 g/mol
MW of standard = 168.19 g/mol

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

$$98.9\% = \frac{18.5 \times 144.17 \times 18.28 \times 3 \times 0.98}{28.7 \times 168.19 \times 30 \times 1} \times 100$$