$^{1}$H, 400 MHz, $CDCl_3$

Purity determined to be **99.6 wt%** versus mesitylene as internal standard.

16 scans, relaxation delay (d1) = 30 s

Internal standard = 52.98 mg

Sample = 42.46 mg

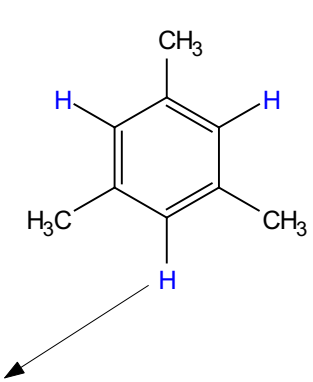
%P of Standard = 99.9 wt%

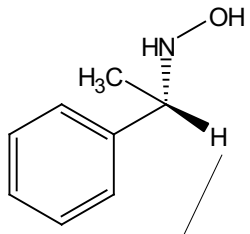
MW of **2** = 137.18 g/mol

MW of Standard = 120.19 g/mol

$$wt\% = \frac{(mg(std) \times MW(cpd) \times I(cpd) \times nH(std) \times potency(std))}{(mg(cpd) \times MW(std) \times I(std) \times nH(cpd))}$$

$$99.6\,wt\% = \frac{(52.98 \times 137.18 \times 0.70 \times 3 \times 99.9)}{(42.46 \times 120.19 \times 3.00 \times 1)}$$

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