

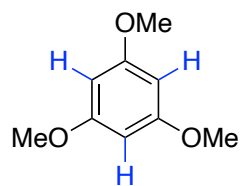
$$\text{Molar ratio (n)} = \frac{\left[\frac{0.38}{1} \right]}{\left[\frac{1.0}{3} \right]} = 1.14$$

$$\text{wt\%} = 100 \times \frac{\text{mg(std)} \times \text{MW(pdt)} \times n \times \text{Pcal}}{\text{mg(pdt)} \times \text{MW(std)}}$$

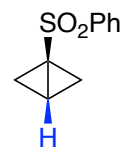
$$= 100 \times \frac{14.0 \times 194.25 \times 1.14 \times 0.99}{18.3 \times 168.19} = 99.72\%$$

*Internal Standard: 1,3,5-Trimethoxybenzene

*Pcal: Internal Standard Purity



1,3,5-TMB (IS)



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