

Mass of
 $\text{CH}_3\text{CO}_2\text{H}$

Molar mass
(g/mol)

Moles of
 $\text{CH}_3\text{CO}_2\text{H}$

Moles and
liters of
 $\text{CH}_3\text{CO}_2\text{H}$

$$M = \frac{\text{mol solute}}{\text{L solution}}$$

Concentration
of
 $\text{CH}_3\text{CO}_2\text{H}$