

## Test yourself before you begin to solve problems

Complete the following:

Analyte	Precipitating agent	Precipitating form	Weighing form
$\text{Ca}^{+2}$	$\text{C}_2\text{O}_4^{-2}$	$\text{CaC}_2\text{O}_4 \cdot \text{XH}_2\text{O}$	<b>CaO</b>
$\text{Ca}^{+2}$ (Homogenous system)	Dimethyloxalate	$\text{CaC}_2\text{O}_4 \cdot \text{XH}_2\text{O}$	<b>CaO</b>
$\text{Fe}^{+3}$			
$\text{Mg}^{+2}$ (Organic precipitating agent)			
$\text{Cd}^{+2}$			
$\text{Cd}^{+2}$ (Homogenous system)			
HCl			
$\text{H}_3\text{PO}_4$			