	$NaCl$	$MgSO_4$	Na_2CO_3	Na_3PO_4	KBr	$NaOH$	$NaNO_3$	KI	CH_3COOH
$AgNO_3$	Cloudy ppt.	X	Cloudy ppt.	Color change	Cloudy ppt.	Color change	X	Cloudy ppt.	X
$BaCl_2$	X	Cloudy ppt.	Cloudy ppt.	Cloudy ppt.	X	Cloudy ppt.	X	Color change	X
$CaCl_2$	X	X	Cloudy ppt.	Cloudy ppt.	X	Cloudy ppt.	X	Color change	X
$CuSO_4$	X	X	Color change	Color Change ppt.	X	Dark blue ppt	X	Color change	X
$SrCl_2$	X	Cloudy ppt.	Cloudy ppt.	Cloudy ppt.	X	Cloudy ppt.	X	Color change	X
$Fe(NO_3)_3$	X	X	Color change ppt.	Cloudy ppt.	X	Cloudy ppt.	X	Color change	X
$(NH_4)_2SO_4$	X	X	X	X	X	X	X	X	X
HCl	X	X	X	X	X	X	X	X	X
H_2SO_4	X	X	Gas bubbles	X	X	X	X	X	X
NH_4NO_3	X	X	X	X	X	X	X	X	X