62

" .1

$$K_3PO_4 + H_2S \rightarrow K_2HPO_4 + KHS$$

فوسفات ثلاثي البوتاسيوم

.2

 $\label{eq:hammadef} \mbox{NH$_2$CH$_2$CH$_2$OH} + \mbox{H$_2$S} \rightarrow \mbox{CH$_2$CH$_2$OHNH_3$HS}.$

 $\label{eq:harmonic} \text{NH}(\text{CH}_2\text{CH}_2\text{OH})_2 + \ \text{H}_2\text{S} \rightarrow (\text{CH}_2\text{CH}_2\text{OH})_2\text{NH}_2\text{HS}.$

. 2

100

RSH + NaOH → RSNa + H₂O

100

Doctor treatment" : Sweetening "

 $2NaOH + PbO(litharge) \rightarrow Na_2PbO_2 + H_2O$

RSH + Na_2PbO_2 \rightarrow 2NaOH + Pb(SR)2

 $Pb(SR)_2 + S \rightarrow PbS + R-S-S-R$