






30. Which of the following compounds is **not** coloured yellow?

- (1) $Zn_2[Fe(CN)_6]$ (2) $K_3[Co(NO_2)_6]$ (3) $(NH_4)_3[As(Mo_3O_{10})_4]$ (4) $BaCrO_4$

Answer:

		$H_3AsO_4 + 12(NH_4)_2MoO_4 + 21HNO_3 \rightarrow (NH_4)_3[As(Mo_3O_{10})_4] + 21NH_4NO_3 + 12H_2O$ <p>$(NH_4)_3[As(Mo_3O_{10})_4]$ Yellow ppt.</p>	
<p>$Zn_2[Fe(CN)_6]$ White</p>	<p>$K_3[Co(NO_2)_6]$ Yellow</p>		<p>$BaCrO_4$ Yellow</p>

Correct answer is (1) $Zn_2[Fe(CN)_6]$