



$m(\text{orthobar}) = 2.00\text{g}$
 $m(\text{ppt}) = 1.88 - 1.05\text{g}$
 $= 0.83\text{g}$
 $\% \text{SO}_4 \text{ in barite} = \frac{0.83\text{g} \times 100}{2.00\text{g} - 0.83\text{g}} = 100\%$
 $m(\text{SO}_4) = 0.4116 \times 0.83\text{g}$
 $= 0.3416\text{g}$
 $\% \text{SO}_4 = \frac{0.3416\text{g}}{2.00\text{g}} \times 100\%$
 $= 17.08\%$

