

53.



	<u>FM</u>	<u>#</u>
Y = Yttrium	88.9	1
Ba = Barium	137.33	2
Cu = Copper	63.546	3
O = Oxygen	16	7

$$FM_{\text{Total}} = 88.9 + 2(137.33) + 3(63.5) + 7(16) = \underline{666.198}$$

$$\% \text{U} = \frac{88.9}{666.198} \cdot 100 = \underline{13.34\%}$$

$$\% \text{Ba} = \frac{274.66}{666.198} \cdot 100 = \underline{41.22\%}$$

$$\% \text{Cu} = \frac{190.638}{666.198} \cdot 100 = \underline{28.6\%}$$

$$\% \text{O} = \frac{112}{666.198} \cdot 100 = \underline{16.8\%}$$