

#62099 Chemistry, Other

How many atoms are in 0.50 moles of potassium?

**Answer:**

1 mole of any substance contains  $6.022 \times 10^{23}$  particles.

Therefore 0.5 moles of Potassium contains:

$$0.5 \cdot 6.022 \times 10^{23} = 3.011 \times 10^{23} \text{ atoms}$$