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If NaCl is doped with  $10^{-4}$  mol % of Sr Cl<sub>2</sub>, the concentration of cation vacancies will be ( $N_A = 6.02 \times 10^{23} \text{ mol}^{-1}$ ) [CBSE AIPMT 2007]  $6.02 \times 10^{16} \text{ mol}^{-1}$

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