

SALT of mass *

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Datasheet:

1. Mass of salt and paper packaging _____ g

2. Mass of the paper packaging 0.0823 g

3. Mass of salt _____ g

Question:

1. Salt's chemical formula is NaCl. Determine the molar mass of salt.

2. How many moles of salt is in the salt packet?

3. How many NaCl formula units are there in the salt packet?

4. How many chloride ions are there in the salt packet?

SUGAR

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Datasheet:

1. Mass of sugar and paper packaging _____ g
2. Mass of the paper packaging 0.2251 g
3. Mass of sugar _____ g

Question:

1. Sugar's chemical formula is $C_{12}H_{22}O_{11}$. Determine the molar mass of sugar.
2. How many moles of sugar is in the sugar packet?
3. How many sugar molecules are there in the sugar packet?
4. How many carbon atoms are there in the sugar packet?