

<i>Titel normblad</i>	Normblad 01B Weight, volume and sizing	<i>Versiedatum</i>	18-apr-2023
<i>Eigenaar</i>	Manager Quality Assurance & Control	<i>Versie</i>	008

Purpose:

Weight, volume and size of products will be checked per single ingredient or component, per food item, per KCS sales unit or per packaging unit.

Weight and volume will also be checked compared to the ordered amount.

This standard sheet describes the maximum tolerances in weight, volume or size (length, width, height and diameter) of all food items if not described in the product specification. In the product specification other tolerances or agreements may be defined.

Procedure:

According to standard "KD-18-01 Kwaliteitscontrole inkomende producten", delivered food items will be checked at receiving on weight, volume and size. The standard also describes the sample size at receiving.

Checks on weight, volume and size may also be executed at any other point during the process, for example during assembly, during inspection or in response to product complaints.

Tolerances for weight and volume:

For all food items, the average weight or volume of the total sample size must equal or exceed the standard weight or volume per unit.

Furthermore, the following tolerances are valid:

Weight or volume per ingredient/component/slice:

Standard weight in gr/volume in ml	Allowed tolerance
≤ 30 gram or ml	+/- 20 % of the standard weight or volume
> 30 gram or ml	+/- 10 % of the standard weight or volume

Weight or volume per food item or total weight per packaging unit:

Standard weight in gr/volume in ml	Allowed tolerance
≤100 gram or ml	+/- 10 % of the standard weight or volume
101 – 1000 gram or ml	+/- 5 % of the standard weight or volume
> 1000 gram or ml	+/- 2 % of the standard weight or volume

Natural food items:

Per ingredient/component/item:

For natural food items it must be decided in advance if the food item is bought by weight, size and/or by piece. Checks will be done according to mutual agreement laid down in the product specification.

Decorations (f.i. lettuce leave, sprig of dill, sauce, whipped cream):

Only valid during internal inspection of assembled food items:

Decorations will not be weighed but should be according to photo.

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Tolerances for size:

All food items must be:

- Similar in shape and size
- Must fit in the equipment where the internal size of equipment is leading

Furthermore, the following tolerances are valid:

Length and width or diameter:

Standard length/width/diameter	Allowed tolerance
≤ 5 cm	+/- 20 %
> 5 cm	+/- 10 %

Height:

Product will be used in	Maximum height including equipment and lid
Product in trolley	5.0 cm
Product in oven-insert	4.0 cm

See also WA-KLM-20 Schedule 20 Werkafspraken KLM en KCS: Kwaliteitseisen producten, verpakkingen en equipment.

Corrective action:

If a food items deviates from this standard, it must be reported to the Quality Assurance & Control department. See also KD-01-00 Blokkeren, afkeuren en vrijgeven.

This document is signed dated 17-apr-2023 by Ingrid Timmermans.