

Influence of air ionization on the reduction of germs in a supermarket for meat products

Tests conducted by:
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appliance: aerotec 60
ionization tubes: 3 pcs.
type: IRE
dimensions: length: 365 mm; diameter: 38 mm

cultivation parameter:
cultivation medium: GKA-medium
period of germination: 2 days
temperature: 30 – 35 °C
sample counts: 9

SUMMARY

sample air ionization off: 168 cfu/m³
sample air ionization on: 17 cfu/m³

Average reduction of bacteria: 90 %