# Appendix C. Model Inspection Report Forms

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| Date: | | | **Random Package Report** | | | | | | | | | | | | | | | | | | | | | | | | | | | Sampling Plan:  A B | | | | | | | | | | | | | | | | | | | | | | Report Number: | | | | | | |
| Location (name, address): | | | | | | | | | Product/Brand Identity: | | | | | | | | | | | | | | | | | | | | | Manufacturer: | | | | | | | | | | | | | | | | | | | | | | Container Description: | | | | | | |
|  | | | | | | | | | Lot Codes: | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | |  | | | | | | |
| 1. Labeled Quantity:  (Enter weight for each package in Column 1 below.) | | | 2. Unit of Measure: | | | | | | | 3. MAV: (Look up the MAV for each package with a minus error (−), convert it to dimensionless units and enter this value in the Box 4 column below.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5. Inspection Lot Size: | | | | | | | | 6. Sample Size (n): | | | | | | |
| 7. Initial Tare Sample Size: | | | 8. Number of MAVs Allowed: | | | | | | | 9. Range of Package Errors (Rc): | | | | | | | | | | | 10. Range of Tare Weights (Rt): | | | | | | | | | | | | | | | | | | | | | | | 11. Rc/Rt  (Box 9 ÷ Box 10 = ): | | | | | | | | 12. Total No. of Tare Samples: | | | | | | |
| 13. Avg. Tare Wt:  Used Dry Tare  Wet Tare  Unused Dry Tare | | | | | | | | | | | | | | | | | | | | | 13a.  Tare Correction  Moisture Allowance  Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14. Nominal Gross Wt: (Labeled Wt + Box 13 − Box 13a =) | | | | | | |
|  | | | **Pkg 1** | | | **Pkg 2** | | | | **Pkg 3** | | | | | **Pkg 4** | | | | | | **Pkg 5** | | | | | | | | | | **Pkg 6** | | | | | | | | | | **Pkg 7** | | | | | **Pkg 8** | | | | | | **Pkg 9** | | | | | **Pkg 10** | |
| a. Gross Wt | | |  | | |  | | | |  | | | | |  | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | | |  | | | | |  | |
| b. Tare Wt | | |  | | |  | | | |  | | | | |  | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | | |  | | | | |  | |
| c. Net Wt | | |  | | |  | | | |  | | | | |  | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | | |  | | | | |  | |
| d. Package Error | | |  | | |  | | | |  | | | | |  | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | | |  | | | | |  | |
| **Product Description, Lot Code, Unit Price** | | | | | | | | | | | | | | | **Money Errors** | | | | | | | | | | | | | | | | | **Column 1**  **Labeled Net**  **Weight** | | | | | | | | | | | | | | | **Package Errors** | | | | | | | | | | 4.  **MAV**  **Dimension­less**  **Units** | |
|  | | | | | | | | | | | | | | | **−** | | | | | | | **+** | | | | | | | | | |  | | | | | | | | | | | | | | | **−** | | | | | **+** | | | | |  | |
| 1. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 2. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 3. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 4. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 5. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 6. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 7. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 8. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 9. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 10. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 11. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 12. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 13. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 14. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 15. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
| 16. | | | | | | | | | | | | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | |  | | | | |  | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Totals** | | | | |  | | | | |  | | | | |  | |
| 15. Total Error: | | | 16. Number of unreasonable minus (−) errors: (Compare each package error with the MAV in Column 4.) | | | | | | | | | | | | 17. Is Box 16 greater than Box 8?  Yes, lot fails  No, go to Box 18 | | | | | | | | | | | | | | | | | | | | | | 18. Avg. error in dimensionless units:  (Box 15 ÷ Box 6 =) | | | | | | | | | | | | | | 19. Avg. error in labeled units (Box 18 × Box 2 =) | | | | | | | |
| 20. Does Box 18 = zero (0) or Plus (+)?  Yes, lot passes, go to Box 25  No, go to Box 21 | | | | | | 21. Compute Sample Standard Deviation | | | | | | | | | 22. Sample Correction Factor | | | | | | | | | | | | | | | | | | | | | | 23. Compute Sample Error Limit (Box 21 × Box 22 =) | | | | | | | | | | | | | | | | | | | | | |
| 24. Disregarding the signs, is Box 18 larger than Box 23?  Yes, lot fails, go to Box 25  No, lot passes, go to Box 25 | | | | | | | | | | | | | | | | | | | | | | | | 25. Disposition of Inspection Lot  Approved  Rejected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | | | | | | | | Official’s Signature: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | Acknowledgement of Report: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date:  *January 20, 2010* | | **Random Package Report – Example** | | | | | | | | | | | | | | | | | | | | | | | | | Sampling Plan: 🗹 A B | | | | | | | | | | | | | | | | | | | | | | | | Report Number:  17 | | | | | | | |
| Location (name, address):  *L&O Market*  *MacCorkle Ave.*  *Charleston, WV 25171* | | | | | | Product/Brand Identity:  *Ground Chuck* | | | | | | | | | | | | | | | | | | | | | Manufacturer:  *Meat Dept. – L&O Market* | | | | | | | | | | | | | | | | | | | | | | | | Container Description:  *2S Tray w/soaker and plastic wrap* | | | | | | | |
|  | | | | | | Lot Codes:  *1, 19, 99* | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | | | |
| 1. Labeled Quantity:  (Enter weight for each package in Column 1 below.) | | 2. Unit of Measure:  *0.001 lb* | | | | | | | | | 3. MAV: (Look up the MAV for each package with a minus error (−), convert it to dimensionless units and enter this value in the Box 4 column below.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5. Inspection Lot Size:  *23* | | | | | | | | | | | 6. Sample Size (n):  *12* | | | | | | | |
| 7. Initial Tare Sample Size:  *2* | | 8. Number of MAVs Allowed:  *0* | | | | | | | | | 9. Range of Package Errors (Rc):  *10* | | | | | | | 10. Range of Tare Weights (Rt):  *1* | | | | | | | | | | | | | | | | | | | | | | 11. Rc/Rt  (Box 9 ÷ Box 10 = ):  *10* | | | | | | | | | | | 12. Total No. of Tare Samples:  *2* | | | | | | | |
| 13. Avg. Tare Wt:  *0.0205 lb*  🗹 Used Dry Tare  Wet Tare  Unused Dry Tare | | | | | | | | | | | | | | | | | | 13a.  Tare Correction  Moisture Allowance  🗹 Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14. Nominal Gross Wt: (Labeled Wt + Box 13 − Box 13a =)  *Label Wt + 0.020 lb* | | | | | | | |
|  | | **Pkg 1** | | | | **Pkg 2** | | | | **Pkg 3** | | | | | **Pkg 4** | | | **Pkg 5** | | | | | | | | | | **Pkg 6** | | | | | | | | | | **Pkg 7** | | | | | | | **Pkg 8** | | | | | | **Pkg 9** | | | | | | **Pkg 10** | |
| a. Gross Wt | | *1.852 lb* | | | | *1.223 lb* | | | |  | | | | |  | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | |  | | | | | |  | | | | | |  | |
| b. Tare Wt | | *0.020 lb* | | | | *0.021 lb* | | | |  | | | | |  | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | |  | | | | | |  | | | | | |  | |
| c. Net Wt | | *1.832 lb* | | | | *1.202 lb* | | | |  | | | | |  | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | |  | | | | | |  | | | | | |  | |
| d. Package Error | | *−18* | | | | *−8* | | | |  | | | | |  | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | | | |  | | | | | |  | | | | | |  | |
| **Product Description, Lot Code, Unit Price** | | | | | | | | | | | | | | | **Money Errors** | | | | | | | | | | | | | | **Column 1**  **Labeled Net**  **Weight** | | | | | | | | | | | | | | | | **Package Errors** | | | | | | | | | | | | 4.  **MAV**  **Dimension­less**  **Units** | |
|  | | | | | | | | | | | | | | | **−** | | | | **+** | | | | | | | | | |  | | | | | | | | | | | | | | | | **−** | | | | | | **+** | | | | | |  | |
| 1. *Ground Chuck – 1, 19, 99 – $1.79 per lb* | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.85 lb* | | | | | | | | | | | | | | | | *18* | | | | | |  | | | | | |  | |
| 2. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.21 lb* | | | | | | | | | | | | | | | | *7* | | | | | |  | | | | | |  | |
| 3. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.56 lb* | | | | | | | | | | | | | | | | *8* | | | | | |  | | | | | |  | |
| 4. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.98 lb* | | | | | | | | | | | | | | | | *14* | | | | | |  | | | | | |  | |
| 5. | | | | | | | | | | | | | | | *$ 0.04* | | | |  | | | | | | | | | | *1.07 lb* | | | | | | | | | | | | | | | | *23* | | | | | |  | | | | | | *44* | |
| 6. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.55 lb* | | | | | | | | | | | | | | | | *16* | | | | | |  | | | | | |  | |
| 7. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.02 lb* | | | | | | | | | | | | | | | | *2* | | | | | |  | | | | | |  | |
| 8. | | | | | | | | | | | | | | | *$ 0.04* | | | |  | | | | | | | | | | *1.44 lb* | | | | | | | | | | | | | | | | *25* | | | | | |  | | | | | | *56* | |
| 9. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.33 lb* | | | | | | | | | | | | | | | | *16* | | | | | |  | | | | | |  | |
| 10. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *2.03 lb* | | | | | | | | | | | | | | | | *20* | | | | | |  | | | | | | *70* | |
| 11. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.73 lb* | | | | | | | | | | | | | | | | *14* | | | | | |  | | | | | |  | |
| 12. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | | *1.16 lb* | | | | | | | | | | | | | | | | *11* | | | | | |  | | | | | |  | |
| 13. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | |
| 14. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | |
| 15. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | |
| 16. | | | | | | | | | | | | | | |  | | | |  | | | | | | | | | |  | | | | | | | | | | | | | | | |  | | | | | |  | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **Totals** | | | | | | *−174* | | | | | |  | | | | | |  | |
| 15. Total Error:  *− 174* | | 16. Number of unreasonable minus (−) errors: (Compare each package error with the MAV in Column 4.)  *0* | | | | | | | | | | | | | 17. Is Box 16 greater than Box 8?  Yes, lot fails  🗹 No, go to Box 18 | | | | | | | | | | | | | | | | | | | | 18. Avg. error in dimensionless units:  (Box 15 ÷ Box 6 =)  *− 14.5* | | | | | | | | | | | | | | | 19. Avg. error in labeled units (Box 18 × Box 2 =)  *− 0.014 lb* | | | | | | | | |
| 20. Does Box 18 = Zero (0) or Plus (+)?  Yes, lot passes, go to Box 25  🗹 No, go to Box 21 | | | | | | 21. Compute Sample Standard Deviation  *6.721* | | | | | | | | | 22. Sample Correction Factor  *0.635* | | | | | | | | | | | | | | | | | | | | 23. Compute Sample Error Limit (Box 21 × Box 22 =)  *4.267* | | | | | | | | | | | | | | | | | | | | | | | |
| 24. Disregarding the signs, is Box 18 larger than Box 23?  🗹 Yes, lot fails, go to Box 25  No, lot passes, go to Box 25 | | | | | | | | | | | | | | | | | 25. Disposition of Inspection Lot  Approved 🗹 Rejected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | Official’s Signature: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | Acknowledgement of Report: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date: | | | **Standard Package Report** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Sampling Plan:  A  B | | | | | | | | | | | | | | | | | | | | | Report Number: | | | | |
| Location (name, address) | | | | | | | | | | | | Product/Brand Identity | | | | | | | | | | | | | | | | | | | | | Manufacturer | | | | | | | | | | | | | | | | | | | | | Container Description | | | | |
|  | | | | | | | | | | | | Lot Codes | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | | |  | | | | |
| 1. Labeled Quantity: | | | 2. Unit of Measure: | | | | | | | | | 3. MAV: | | | | | | | 4. MAV (dimensionless units)  (Box 3 ÷ Box 2 =) | | | | | | | | | | | | | | | | | | | | | | | 5. Inspection Lot Size: | | | | | | | | | | | | 6. Sample Size (n): | | | | |
| 7. Initial Tare Sample Size: | | | 8.  Number of MAVs  Allowed: | | | | | | | | | 9. Range of Package Errors (Rc): | | | | | | | 10. Range of Tare Weights (Rt): | | | | | | | | | | | | | | | | | | | | | | | 11. Rc/Rt:  (Box 9 ÷ 10 =) | | | | | | | | | | | | 12. Total Number of Tare Samples: | | | | |
| 13. Average Tare Wt:  Used Dry Tare  Wet Tare  Unused Dry Tare | | | | | | | | | | | | 13a.  Tare Correction  Moisture Allowance  Vacuum Pack  Not Applicable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14. Nominal Gross Wt:  (Box 1 + Box13 − Box 13a =) | | | | | | | | | | | | | | | | |
|  | | | | **Pkg 1** | | **Pkg 2** | | | | | **Pkg 3** | | | | **Pkg 4** | | | | | | | **Pkg 5** | | | | | | | | | | **Pkg 6** | | | | | | | | | | **Pkg 7** | | | | | **Pkg 8** | | | | | **Pkg 9** | | | | | **Pkg 10** | |
| a. Gross Wt | | | |  | |  | | | | |  | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | |  | | | | |  | |
| b. Tare Wt | | | |  | |  | | | | |  | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | |  | | | | |  | |
| c. Net Wt | | | |  | |  | | | | |  | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | |  | | | | |  | |
| d.  Package Error | | | |  | |  | | | | |  | | | |  | | | | | | |  | | | | | | | | | |  | | | | | | | | | |  | | | | |  | | | | |  | | | | |  | |
| **−** | | | | **+** | | | **−** | | | | | | **+** | | | | | | | | | | | **−** | | | | | | | | | | | **+** | | | | | | | | | | | | | **−** | | | | | | | **+** | | | |
| 1. | | | |  | | | 13. | | | | | |  | | | | | | | | | | | 25. | | | | | | | | | | |  | | | | | | | | | | | | | 37. | | | | | | |  | | | |
| 2. | | | |  | | | 14. | | | | | |  | | | | | | | | | | | 26. | | | | | | | | | | |  | | | | | | | | | | | | | 38. | | | | | | |  | | | |
| 3. | | | |  | | | 15. | | | | | |  | | | | | | | | | | | 27. | | | | | | | | | | |  | | | | | | | | | | | | | 39. | | | | | | |  | | | |
| 4. | | | |  | | | 16. | | | | | |  | | | | | | | | | | | 28. | | | | | | | | | | |  | | | | | | | | | | | | | 40. | | | | | | |  | | | |
| 5. | | | |  | | | 17. | | | | | |  | | | | | | | | | | | 29. | | | | | | | | | | |  | | | | | | | | | | | | | 41. | | | | | | |  | | | |
| 6. | | | |  | | | 18. | | | | | |  | | | | | | | | | | | 30. | | | | | | | | | | |  | | | | | | | | | | | | | 42. | | | | | | |  | | | |
| 7. | | | |  | | | 19. | | | | | |  | | | | | | | | | | | 31. | | | | | | | | | | |  | | | | | | | | | | | | | 43. | | | | | | |  | | | |
| 8. | | | |  | | | 20. | | | | | |  | | | | | | | | | | | 32. | | | | | | | | | | |  | | | | | | | | | | | | | 44. | | | | | | |  | | | |
| 9. | | | |  | | | 21. | | | | | |  | | | | | | | | | | | 33. | | | | | | | | | | |  | | | | | | | | | | | | | 45. | | | | | | |  | | | |
| 10. | | | |  | | | 22. | | | | | |  | | | | | | | | | | | 34. | | | | | | | | | | |  | | | | | | | | | | | | | 46. | | | | | | |  | | | |
| 11. | | | |  | | | 23. | | | | | |  | | | | | | | | | | | 35. | | | | | | | | | | |  | | | | | | | | | | | | | 47. | | | | | | |  | | | |
| 12. | | | |  | | | 24. | | | | | |  | | | | | | | | | | | 36. | | | | | | | | | | |  | | | | | | | | | | | | | 48. | | | | | | |  | | | |
| Total: | | | | Total: | | | Total: | | | | | | Total: | | | | | | | | | | | Total: | | | | | | | | | | | Total: | | | | | | | | | | | | | Total: | | | | | | | Total: | | | |
| 15. Total Error: | | | 16. Number of unreasonable minus (−) errors (compare each package error with Box 4) | | | | | | | | | | | | | | | | 17. Is Box 16 greater than Box 8?  Yes, lot fails  No, go to Box 18 | | | | | | | | | | | | | | | | | | | | | | | 18. Average error in dimensionless units  (Box 15 ÷ Box 6 =) | | | | | | | | | | | 19. Average error in labeled units:  (Box 18 × Box 2 =) | | | | | |
| 20. Does Box 18 = Zero (0) or Plus (+)?  Yes, lot passes, go to Box 25  No, go to Box 21 | | | | | | | 21. Compute Sample Standard Deviation | | | | | | | | | | | | 22. Sample Correction Factor | | | | | | | | | | | | | | | | | | | | | | | 23. Compute Sample Error Limit (Box 21 × Box 22 =) | | | | | | | | | | | | | | | | |
| 24. Disregarding the signs, is Box 18 larger than Box 23?  Yes, lot fails, go to Box 25  No, lot passes, go to Box 25 | | | | | | | | | | | | | | | | | | | | | | | | | 25. Disposition of Inspection Lot  Approved  Rejected | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: | | | | | | | | | | | | | | | | | | | | | | | | | Official’s Signature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | Acknowledgement of Report | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Date:  *January 20, 2010* | | | **Standard Package Report – Example** | | | | | | | | | | | | | Sampling Plan: 🗹 A  B | | | | | | | | Report Number:  *16* | | |
| Location (name, address)  *Volunteer Market*  *18765 Alcoa Highway*  *Knoxville, TN 37920* | | | | | | Product/Brand Identity  *Community Group Cookies (Thin Mints)* | | | | | | | | | | Manufacturer  *ABC Cookies Inc.*  *1069 Capitol Avenue*  *Nashville, TN 37204* | | | | | | | | Container Description  *Cardboard Box/*  *Plastic Liner* | | |
|  | | | | | | Lot Codes  *April 2009 A & B* | | | | | | | | | |  | | | | | | | |  | | |
| 1. Labeled Quantity:  *453 g (1 lb)* | | | 2. Unit of Measure:  *0.001 lb* | | | | | 3. MAV:  *0.044 lb* | | | 4. MAV (dimensionless units)  (Box 3 ÷ Box 2 =)  *44* | | | | | | | | 5. Inspection Lot Size:  *172* | | | | | 6. Sample Size (n):  *12* | | |
| 7. Initial Tare Sample Size:    *2* | | | 8. Number of MAVs Allowed:  *0* | | | | | 9. Range of Package Errors (Rc):  *24* | | | 10. Range of Tare Weights (Rt):  *2* | | | | | | | | 11. Rc/Rt:  (Box 9 ÷ 10 =)  *12* | | | | | 12. Total Number of Tare Samples:  *2* | | |
| 13. Average Tare Wt:  *0.014 lb*  🗹 Used Dry Tare  Wet Tare  Unused Dry Tare | | | | | | | | 13a.  Tare Correction  Moisture Allowance  Vacuum Pack  🗹 Not Applicable | | | | | | | | | | | 14. Nominal Gross Wt:  (Box 1 + Box13 − Box 13a =)  *1.014 lb* | | | | | | | |
|  | | **Pkg 1** | | **Pkg 2** | | | **Pkg 3** | | | **Pkg 4** | | **Pkg 5** | | | **Pkg 6** | | | **Pkg 7** | | **Pkg 8** | | **Pkg 9** | | | | **Pkg 10** |
| a. Gross Wt | | *1.052 lb* | | *1.026 lb* | | |  | | |  | |  | | |  | | |  | |  | |  | | | |  |
| b. Tare Wt | | *0.015 lb* | | *0.013 lb* | | |  | | |  | |  | | |  | | |  | |  | |  | | | |  |
| c. Net Wt | | *1.037 lb* | | *1.013 lb* | | |  | | |  | |  | | |  | | |  | |  | |  | | | |  |
| d.  Package Error  (= Box a – Box 14) | | *37* | | *13* | | |  | | |  | |  | | |  | | |  | |  | |  | | | |  |
| **−** | **+** | | | | **−** | | | | **+** | | | | **−** | | | | **+** | | | | **−** | | | | **+** | |
| 1. | *38* | | | | 13. | | | |  | | | | 25. | | | |  | | | | 37. | | | |  | |
| 2. | *12* | | | | 14. | | | |  | | | | 26. | | | |  | | | | 38. | | | |  | |
| 3. | *8* | | | | 15. | | | |  | | | | 27. | | | |  | | | | 39. | | | |  | |
| 4. | *4* | | | | 16. | | | |  | | | | 28. | | | |  | | | | 40. | | | |  | |
| 5. *3* |  | | | | 17. | | | |  | | | | 29. | | | |  | | | | 41. | | | |  | |
| 6. *2* |  | | | | 18. | | | |  | | | | 30. | | | |  | | | | 42. | | | |  | |
| 7. | *12* | | | | 19. | | | |  | | | | 31. | | | |  | | | | 43. | | | |  | |
| 8. *3* |  | | | | 20. | | | |  | | | | 32. | | | |  | | | | 44. | | | |  | |
| 9. | *4* | | | | 21. | | | |  | | | | 33. | | | |  | | | | 45. | | | |  | |
| 10. *1* |  | | | | 22. | | | |  | | | | 34. | | | |  | | | | 46. | | | |  | |
| 11. *0* |  | | | | 23. | | | |  | | | | 35. | | | |  | | | | 47. | | | |  | |
| 12. | *6* | | | | 24. | | | |  | | | | 36. | | | |  | | | | 48. | | | |  | |
| Total:  *9* | Total:  *84* | | | | Total: | | | | Total: | | | | Total: | | | | Total: | | | | Total: | | | | Total: | |
| 15. Total Error:  *+ 75* | | | 16. Number of unreasonable minus (−) errors (compare each package error with Box 4)  *0* | | | | | | | | 17. Is Box 16 greater than Box 8?  Yes, lot fails  🗹 No, go to Box 18 | | | | | | | | 18. Average error in dimensionless units  (Box 15 ÷ Box 6 =)  *+ 6.25* | | | | 19. Average error in labeled units:  (Box 18 × Box 2 =)  *+ 0.006 lb* | | | |
| 20. Does Box 18 = Zero (0) or Plus (+)?  🗹 Yes, lot passes, go to Box 25  No, go to Box 21 | | | | | | 21. Compute Sample Standard Deviation | | | | | 22. Sample Correction Factor | | | | | | | | 23. Compute Sample Error Limit (Box 21 × Box 22 =) | | | | | | | |
| 24. Disregarding the signs, is Box 18 larger than Box 23?  Yes, lot fails, go to Box 25  No, lot passes, go to Box 25 | | | | | | | | | | | | | | 25. Disposition of Inspection Lot  🗹 Approved  Rejected | | | | | | | | | | | | |
| Comments:  *Lot Passes* | | | | | | | | | | | | | | Official’s Signature | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | Acknowledgement of Report | | | | | | | | | | | | |

**Ice Glazed Package Worksheet**

**STEP**

1. Package Price (if standard pack) $ \_\_\_\_\_\_\_\_\_\_\_\_ Price Per Pound (if random pack) $ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lot Size: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Sample Size: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Unit of Measure: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Number each package. Weigh each package for Gross Package Weight and enter Row 1.
2. Enter Labeled Net Weight in Row 2. (If dual units determine the larger unit.) \_\_\_\_\_\_\_\_\_\_\_
3. Record the Maximum Allowable Variation (MAV) in Row 3.
4. Weigh the receiving pan = \_\_\_\_\_\_\_\_\_\_\_\_\_ (enter in Row 4). (Clean and dry the receiving pan and verify the weight after each use. Thoroughly clean the sieve.)
5. Deglaze the product. Remove each package from the low temperature storage. Open the package immediately and place the contents in the sieve or other draining device (e.g., colander) under a gentle spray of cold water. Carefully agitate the product. Handle with care to avoid breaking the product. Continue the spraying process until all ice glaze that is seen or felt is removed.
6. Without shifting the product, incline the sieve to an angle of 17° to 20° (incline to facilitate drainage) and drain for 2 minutes using a stopwatch.
7. Immediate transfer the entire product to the receiving pan to determine the net weight.
8. To calculate the net weight (receiving pan and product) – (receiving pan)  = Net Weight (enter in Row 5)
9. Calculate ± Package error (net weight [Row 5] – labeled net weight [Row 2]) = ± Error, (enter in Row 6).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Row** | **Package** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| **1** | Gross Pkg. Weight  (Step 3) |  |  |  |  |  |  |  |  |  |  |  |  |
| **2** | Labeled Net  Weight  (Step 4) |  |  |  |  |  |  |  |  |  |  |  |  |
| **3** | MAV  (Step 5) |  |  |  |  |  |  |  |  |  |  |  |  |
| **4** | Sieve and Receiving Pan Weight (Step 6) |  |  |  |  |  |  |  |  |  |  |  |  |
| **5** | Net Weight (Step 10) |  |  |  |  |  |  |  |  |  |  |  |  |
| **6** | ± Error (Step 11) |  |  |  |  |  |  |  |  |  |  |  |  |

Used Dry Tare \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Transfer data from the “Ice Glazed Package Worksheet” to the “Ice Glazed Package Report”

(Added 2010)

**Ice Glazed Package Worksheet – Example**

**STEP**

1. Package Price (if standard pack) $ *6.99*  Price Per Pound (if random pack) $  *\_\_\_\_\_\_\_\_\_\_\_\_\_*

Lot Size:  *6*  Sample Size:  *6*  Unit of Measure:  *0.001 lb*

1. Number each package. Weigh each package for Gross Package Weight and enter Row 1.
2. Enter Labeled Net Weight in Row 2. (If dual units determine the larger unit.) *1 lb/453 g*
3. Record the Maximum Allowable Variation (MAV) in Row 3.
4. Weigh the receiving pan = *0.795 lb*  (enter in Row 4). (Clean and dry the receiving pan and verify the weight after each use. Thoroughly clean the sieve.)
5. Deglaze the product. Remove each package from the low temperature storage. Open the package immediately and place the contents in the sieve or other draining device (e.g., colander) under a gentle spray of cold water. Carefully agitate the product. Handle the product with care to avoid breaking the product. Continue the spraying process until all ice glaze that is seen or felt is removed.
6. Without shifting the product, incline the sieve to an angle of 17° to 20° (incline to facilitate drainage) and drain for 2 minutes using a stopwatch.
7. Immediately transfer the entire product to the receiving pan to determine the net weight.
8. To calculate the net weight (receiving pan and product) – (receiving pan)  = Net Weight (enter in Row 5)
9. Calculate ± Package error (net weight [Row 5] – labeled net weight [Row 2]) = ± Error, (enter in Row 6).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Row** | **Package** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| **1** | Gross Pkg. Weight  (Step 3) | *1.180* | *1.205* | *1.110* | *1.150* | *1.000* | *1.210* |  |  |  |  |  |  |
| **2** | Labeled Net  Weight  (Step 4) | *1.000* | *1.000* | *1.000* | *1.000* | *1.000* | *1.000* |  |  |  |  |  |  |
| **3** | MAV  (Step 5) | *0.044* | *0.044* | *0.044* | *0.044* | *0.044* | *0.044* |  |  |  |  |  |  |
| **4** | Receiving Pan Weight  (Step 6) | *0.795* | *0.795* | *0.795* | *0.795* | *0.795* | *0.795* |  |  |  |  |  |  |
| **5** | Net Weight (Step 10) | *0.985* | *0.975* | *1.000* | *1.030* | *0.930* | *0.980* |  |  |  |  |  |  |
| **6** | ± Error  (Step 11) | *−0.015* | *−0.025* | *0* | *+0.030* | *−0.070* | *−0.020* |  |  |  |  |  |  |

Used Dry Tare *0.025 lb*

Transfer data from the “Ice Glazed Package Worksheet” to the “Ice Glazed Package Report”

(Added 2010)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date: | | | | **Ice Glazed Package Report** | | | | | | | | | | | | | Sampling Plan:  A B | | | | | | | | | Report Number: | |
| Location (name, address): | | | | | | | | Product/Brand Identity: | | | | | | | | | Manufacturer: | | | | | | | | | Container Description: | |
|  | | | | | | | | Lot Codes: | | | | | | | | |  | | | | | | | | |  | |
| 1. Standard Pack Labeled Quantity:  (If random packed, enter weight for each package in Column 1 below.) | | | | | | 2. Unit of Measure: | | | | | | | 3. MAV: Look up the MAV for each package with a minus (−) error, enter value in the Box 4 column below. | | | | | | | | | 5. Inspection Lot Size | | | | 6. Sample Size (n) | |
| 7. Price per lb:  7a. Standard Pack: Package Price \_\_\_\_\_\_\_\_\_\_\_ divide by (Box 1) = \_\_\_\_\_\_\_\_\_\_\_\_ 7b.  Random Pack:  Labeled Price per lb \_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | | | | | 8. No. of MAVs Allowed | |
|  | | **Pkg 1** | | | **Pkg 2** | | | | **Pkg 3** | | **Pkg 4** | **Pkg 5** | | | **Pkg 6** | **Pkg 7** | | **Pkg 8** | | **Pkg 9** | | | **Pkg 10** | | **Pkg 11** | | **Pkg 12** |
| **Pkg. Gross Wt** | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| a. Labeled Net Wt | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| b. Gross: Rec. Pan & deglazed product Wt | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| c. Tare: Rec. Pan Wt | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| d. Net Wt  (Box b − Box c= ) | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| e. Package Error  (Box d − Box a = ) | |  | | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| **Package #** | **Column 1**  **Labeled Net Weight**  (random pack only) | | | | | | | | | **Package Errors** | | | | | | | | | 4.  **MAV**  **Dimensionless Units** | | | | |  | | | |
|  |  | | | | | | | | | **−** | | | | **+** | | | | |  | | | | |  | | | |
| 1 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 2 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 3 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 4 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 5 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 6 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 7 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 8 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 9 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 10 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 11 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 12 |  | | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| Totals |  | | | | | | | | | **f**. | | | | **g**. | | | | |  | | | | |  | | | |
| 9. Total Error  (add Row e or Box f + g): | | | 10. Number of unreasonable minus (−) errors (compare each package error with the MAV in the Box 4 column): | | | | | | | | | | 11. Is Box 10 greater than Box 8?  Yes, lot fails  No, go to Box 12 | | | | | | 12. Avg. error (Box 9 ÷ Box 6 = ): | | | | | | | | |
| 13. Does Box 12 = Zero (0) or Plus (+)?  Yes, lot passes, go to Box 18  No, go to Box 14 | | | | | | | 14. Compute Sample Standard Deviation: | | | | | | 15. Sample Correction Factor: | | | | | | 16. Compute Sample Error Limit (Box 14 × Box 15 =) | | | | | | | | |
| 17. Disregarding the signs, is Box 12 larger than Box 16?  Yes, lot fails, go to Box 18  No, lot passes, go to Box 18 | | | | | | | | | | | | | 18. Disposition of Inspection Lot  Approved  Rejected | | | | | | | | 19. Economic Impact:  (Box 12 × Box 7 × Box 5 = ) | | | | | | |
| Comments: | | | | | | | | | | | | | Official’s Signature: | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | Acknowledgement of Report: | | | | | | | | | | | | | | |

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| Date:  *January 20, 2010* | | | **Ice Glazed Package Report – Example** | | | | | | | | | | | | | Sampling Plan: 🗹 A B | | | | | | | | | Report Number:  *103* | |
| Location (name, address):  *Ocean Fresh Market*  *101 8th Street*  *Key West, FL* | | | | | | | Product/Brand Identity:  *Raw/Peeled Shrimp 71 – 90 Count* | | | | | | | | | Manufacturer:  *Ocean Fresh* | | | | | | | | | Container Description:  *Plastic* | |
|  | | | | | | | Lot Codes: | | | | | | | | |  | | | | | | | | |  | |
| 1. Standard Pack Labeled Quantity: *453 g (1 lb)*  (If random packed, enter weight for each package in Column 1 below.) | | | | | 2. Unit of Measure:  *0.001 lb* | | | | | | | 3. MAV: Look up the MAV for each package with a minus (−) error, enter value in the Box 4 column below.  *0.044 lb* | | | | | | | | | 5. Inspection Lot Size  *6* | | | | 6. Sample Size (n)  *6* | |
| 7. Price per lb:  7a. Standard Pack: Package Price $ *6.99*  divide by (Box 1) = $ *6.99* 7b.  Random Pack:  Labeled Price per lb \_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | | | | 8. No. of MAVs Allowed  *0* | |
|  | | **Pkg 1** | | **Pkg 2** | | | | **Pkg 3** | | **Pkg 4** | **Pkg 5** | | | **Pkg 6** | **Pkg 7** | | **Pkg 8** | | **Pkg 9** | | | **Pkg 10** | | **Pkg 11** | | **Pkg 12** |
| **Pkg. Gross Wt** | | *1.180* | | *1.205* | | | | *1.100* | | *1.150* | *1.000* | | | *1.210* |  | |  | |  | | |  | |  | |  |
| a. Labeled Net Wt | | *1.000* | | *1.000* | | | | *1.000* | | *1.000* | *1.000* | | | *1.000* |  | |  | |  | | |  | |  | |  |
| b. Gross: Rec. Pan & deglazed product Wt | |  | |  | | | |  | |  |  | | |  |  | |  | |  | | |  | |  | |  |
| c. Tare: Rec. Pan Wt | | *0.795* | | *0.795* | | | | *0.795* | | *0.795* | *0.795* | | | *0.795* |  | |  | |  | | |  | |  | |  |
| d. Net Wt  (Box b − Box c= ) | | *0.985* | | *0.975* | | | | *1.000* | | *1.030* | *0.930* | | | *0.980* |  | |  | |  | | |  | |  | |  |
| e. Package Error  (Box d − Box a = ) | | *− 0.015* | | *− 0.025* | | | | *0* | | *+ 0.030* | *− 0.070* | | | *− 0.020* |  | |  | |  | | |  | |  | |  |
| **Package #** | **Column 1**  **Labeled Net Weight**  (random pack only) | | | | | | | | **Package Errors** | | | | | | | | | **4.**  **MAV**  **Dimensionless Units** | | | | |  | | | |
|  |  | | | | | | | | **−** | | | | **+** | | | | |  | | | | |  | | | |
| 1 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 2 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 3 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 4 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 5 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 6 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 7 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 8 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 9 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 10 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 11 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| 12 |  | | | | | | | |  | | | |  | | | | |  | | | | |  | | | |
| Totals |  | | | | | | | | **f**. | | | | **g**. | | | | |  | | | | |  | | | |
| 9. Total Error  (add Row e or Box f + g):  *− 0.100* | | | 1. Number of unreasonable minus (−) errors (compare each package error with the MAV in the Box 4 column):   *1* | | | | | | | | | 11. Is Box 10 greater than Box 8?  🗹 Yes, lot fails  No, go to Box 12 | | | | | | 12. Avg. error (Box 9 ÷ Box 6 = ):  *− 0.016* | | | | | | | | |
| 13. Does Box 12 = Zero (0) or Plus (+)?  Yes, lot passes, go to Box 18  No, go to Box 14 | | | | | | 14. Compute Sample Standard Deviation: | | | | | | 15. Sample Correction Factor: | | | | | | 16. Compute Sample Error Limit (Box 14 × Box 15 =) | | | | | | | | |
| 17. Disregarding the signs, is Box 12 larger than Box 16?  Yes, lot fails, go to Box 18  No, lot passes, go to Box 18 | | | | | | | | | | | | 18. Disposition of Inspection Lot  Approved 🗹 Rejected | | | | | | | | 19. Economic Impact:  (Box 12 × Box 7 × Box 5 = )  − 0.016 × $6.99 x 6 = $0.67 | | | | | | |
| Comments:  *Product found to contain less than the stated net contents. Failed due to MAV.* | | | | | | | | | | | | Official’s Signature: | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | Acknowledgement of Report: | | | | | | | | | | | | | | |