



GS1 US Data Quality Attribute Audit

Introduction

The GS1 US Data Quality Attribute Audit validates the accuracy of product attributes currently being shared between trading partners. This process audits the Foundational and Fundamental attributes as defined by the GS1 US National Data Quality Program to determine the level of data quality by the participating brand owners.

Scope

The Attribute Audit is conducted by the business unit and/or category as determined by each brand owner to ensure a sample of all packaging types is audited and is based upon a representative sampling of new items and existing items.

Location

Audits take place at a location of the brand owner choosing. GS1 US works with the contact information provided from each company to coordinate audit dates and times. Participating sites are contacted in advance of a visit to each facility.

Housekeeping

It is preferred that the products are picked and staged in a separate area within the warehouse prior to the audit. Tables, scale, and access to power outlets are needed to complete the audit. Additionally, an item file containing item number, GTIN, and description is needed prior to starting the audit. The GS1 US GLN is: 0811234000007.

Sample Size

GS1 US works with each participant to create a list of items to be audited across the chosen category or portfolio of products. The number of items audited is based upon the following scale:

# of Items in Category	Sample Size/Unique GTINs		
	1 Level	2 Levels	3 Levels
100	40	80	120
200	50	100	150
300	55	110	165
400	60	120	180
500	60	120	180
1000	64	128	192
2000	66	132	198
4000	67	134	201

The products to be audited are selected based upon a representative sampling of new items, existing items, and packaging types within provided list.

Auditor Responsibilities

Auditors measure cases, inners (if applicable) and eaches to collect data on the below attributes of the selected items.

Foundational Attributes

- Brand Name
- GTIN
- Declared Net Contents / Unit of Measure
- Pack Quantity

Fundamental Attributes

- Dimensions- Case Level (length/width/height)
- Dimensions - Inner Pack (if shared/applicable)
- Dimensions - Item level (if shared/applicable)
- Country of Origin
- Gross Weight/UOM
- Ti/Hi

Cases are opened, handled, and taped close after the information has been recorded. For planning purposes, approximately 75-100 cases can be measured in a given day, depending on the products.

Scoring

Audited values are recorded, compared against information shared with trading partners, and scored based upon their accuracy against the shared values. Items with audited attribute values within accepted accuracy tolerances are recorded and totaled for each brand owner.

Data Retrieval Options

GDSN information (or shared information) for the identified attributes of the selected items are provided for comparison and scoring of the measurements. Information can be sent to the GS1 US GLN or via other electronic means as necessary.