Bar Code Verification Report
Report Number: *[GS1 US Document ID]*
Bar Code AI (253) - Optional

Contact Name:	[CONTACT NAME]	**Issue Date:**	[ISSUE DATE]
Company Name:	[COMPANY NAME]	**Type of Report:**	[INTERIM] or [FULL]
Address:	[COMPANY ADDRESS]		
City:	[COMPANY CITY]		
State:	[STATE]		
Zip Code:	[ZIP]		

Product Description:	[BRAND AND NAME OF PRODUCT]
Type of Bar Code:	[SYMBOL TYPE (DATA CARRIER)]
Data Encoded:	[DATA ENCODED IN BAR CODE]
Print Method:	[PRINT METHOD OF BAR CODE]
Number of Bar Codes on Product:	[NUMBER OF SYMBOLS ON PRODUCT]

Please Note:
- These assessments are based on meeting the minimum GS1 standards.
- To ensure efficient scanning, the bar code should exceed the minimum.

Testing Summary

GS1 General Specifications for Linear Symbols tested environments:	
1. **Omni-directional Retail Point-of-Sale (POS)**	**PASS** or **FAIL** or **Not Assessed**
2. **General Distribution** **(Automated scanning in the Supply Chain)**	**PASS** or **FAIL** or **Not Assessed**
2.1 GS1 Logistic Label (SSCC)	**PASS** or **FAIL** or **Not Assessed**
3. **General Purpose Hand Scanning**	**PASS** or **FAIL** or **Not Assessed**

Complies to GS1 Symbol Location Recommendations	In/Out of Spec (Comment on Business Critical Issue)
ISO Symbol Grade	**ISO [X.XX]/[YY]/[ZZZ]** **Example: ISO 4.00/06/660** **(0.00 – 4.00) PASS/FAIL**

Business Critical Comments

Technical Analysis of the Symbol

GS1 Parameters	Comment Reference	Assessed	Within Standard Range	Required
Symbol Structure[1]			✓	(dependent on symbol encoded)
X-dimension[2] (magnification)			✓	(dependent on symbol encoded)
Bar Code Height			✓	(dependent on symbol encoded)
Quiet Zone (Left)			✓	(dependent on symbol encoded)
Quiet Zone (Right)			✓	(dependent on symbol encoded)
Human Readable			✓	One-to-one match with bar code data
Bar Code Width			✓	(dependent on symbol encoded)
Validity of GS1 Company Prefix			✓	
Data Structure			✓	(dependent on structure encoded)

ISO Parameters	Comment Reference	ISO Grade	Within Standard Range	Required
Overall ISO Grade[3]		3.8/06/660	✓	> 1.5
Decode		4.0	✓	> 1.5
Symbol Contrast		3.8	✓	> 1.5
Minimum Reflectance		4.0	✓	> 1.5
Edge Contrast		4.0	✓	> 1.5
Modulation		4.0	✓	> 1.5
Defects		4.0	✓	> 1.5
Decodability		4.0	✓	> 1.5

Note[1]: Includes Check Digits, ITF-14 wide-to-narrow ratio, etc.

Note[2]: Information can be found on conversion between ISO & ANSI and X-dimension & Magnification Factors is on the website: http://www.gs1.org/productssolutions/barcodes/support/

Note[3]: An overall ISO grade of 0.5 is acceptable for ITF-14 with an X-dimension > 0.0246″ (0.625mm).

Additional Tests	ISO Symbol Grade (0.0 – 4.0)PASS/FAIL	General Comment
GS1-128 Application Identifiers encoded – See comments		**PASS / FAIL / Not Assessed**
(example) Multiple GS1-128 symbols - Row 2		
(example) Multiple GS1-128 symbols - Row 3		
Educational Comments		

Notes:

- It is the responsibility of the brand owner to ensure the correct use of the GS1 Company Prefix and the correct allocation of the data content.

- Rejection of products should not necessarily be based only on an out of specification results.

- Bar Code verifiers are measuring devices and are tools that can be used for assisting in quality control. The results are not absolute in that they do not necessarily prove or disprove that the bar code symbol will scan.

- This report may not be amended after issue. In the event of a dispute over contents the version held at GS1 US will be deemed to be the correct and original version of this report.

Important Note

Disclaimer:

- This report does not constitute evidence for the purpose of any litigation, and GS1 US will not enter into any discussion, or respond to any correspondence in relation to litigation.

- Every possible effort has been made to ensure that the information and specifications in the Bar Code Verification Reports are correct, however, GS1 US expressly disclaims liability for any errors.