

Barcode Verification Report

Symbol: Pass 4.0/11/660/45° Q
Date: 2/7/2019 7:00:15 PM
Operator: wschnei

_____ (Signature) _____ (Second Signature)

File name: C:\Users\wschnei\Desktop\MOD TEST 180719\2019-02-07_#003.tws

Software TransWin32:	V. 1.2.0.0/15224r	Verifier:	V. 1.2.0.1/15225r
Device:	REA VeriCube	Device Version:	V. 1.2.0.1/15225r
Serial Number:	0030.035.101-0000293	Camera serial number:	0030.037.102-0000347
Lens:	VeriCube 16mm, Resolution 24.8µm	GUID:	6bc72169-40d1-4798-a559-0533b2861534
Light source:	Red (660 nm)/45° Q	Reflectance adjustment:	12/10/2018, Valid until 2/8/2019
Aperture:	11 mil, 0.279 mm	Level correction:	12/10/2018, Valid until 2/8/2019
Selected grade:	1.5 (C)	Scale adjustment:	12/10/2018

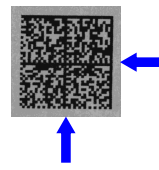
SRP grade: 4.0 (A)
Symbology: GS1 DataMatrix ECC200
Code content (HR): (01)02024112222226(21)TEST-22(10)BATCHNAME(11)990625(710)SETUP_PZN(711)SETUP_CIP(712)SETUP_CN

Evaluation: ISO/IEC 15415:2011, GS1 General Specification Vers. 18, ISO/IEC 16022:2006

Parameter	Value	Min/Max	Grade	Parameter	Value	Min/Max	Grade
Standard parameters				Clock track & solid area			
Decode			4	Contrast uniformity	44%	min 30%	4
Symbol contrast	73%	min 40%	4	Print growth	21µm		
UEC	100%	min 37%	4	Print growth X	23µm		
Modulation			4	Print growth Y	18µm		
AN	1%	max 10%	4	Extreme value of print growth X	Min -31µm, Max 53µm		
GN	26%	max 63%	4	Extreme value of print growth Y	Min -28µm, Max 77µm		
Fixed pattern damage (FPD)			4	Optional Parameters			
LLS			4	Pixels per module	13.584	min 5.	4
BLS			4	Data structure	Pass		4
LQZ			4				
BQZ			4				

Symbol characteristics

Symbol: Dark symbol on light background
Matrix size: 36x36
Rmax: 81% (X: 427, Y: 553)
Rmin: 8% (X: 87, Y: 152)
Total codewords: 128
Data codewords: 86
Check codewords: 42
Error correction budget: 21
Error corrected: 0
Unused error correction capacity: 21
Correctable bit errors of data: from 21 to 168
Total (correct, incorrect) Pads: 20 (20, 0)



Data structure (GS1 Vers. 18)

- | | |
|-----------------|------------------|
| 1) 01 | Pass |
| 2) 0 | AI |
| 3) 202411222222 | Package Level |
| 4) 6 | GTIN |
| 5) 21 | Checkdigit |
| 6) TEST-22 | AI |
| 7) [GS] | SERIAL |
| 8) 10 | AI |
| 9) BATCHNAME | BATCH/LOT |
| 10) [GS] | AI |
| 11) 11 | AI |
| 12) 990625 | PROD DATE |
| 13) 710 | AI |
| 14) SETUP_PZN | NHRN GERMANY PZN |