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Comment: ---

Operator: WELCOM
Order number: ---

Aperture: 4 mil, 0.102 mm
Wavelength: Laser 670 nm
Unit: Micrometer[μm]
Date: 6/19/2013 2:16:55 PM
Device: REA PC-Scan/LD 3 (V.1.0.11.10/12045r)
Serial Number: 0030.102.107-02263-1

Symbology: Code 39
Code Content: *CODE39-TEST*

User comment:

Evaluation: ISO/IEC 15416, ISO/IEC 16388

Symbol: Pass 4.0/04/670

Selected grade: 2.5 (B)
SRP grade: 4.0 (A)

Decode:				4
Symbol contrast:	79%	min 55%		4
Edge Contrast:	61%	min 15%		4
Modulation:	77%	min 60%		4
Rmin/Rmax:	5%	max 50%		4
Defects:	10%	max 20%		4
Decodability:	81%	min 50%		4

Bar deviation: -2%

Optional Parameters

PCS(SC):	0.95	min 0.75		4
Bright value(Rmax):	83%	min 25%		4
Dark value(Rmin):	4%	max 42%		4
PCS(ECMin):	0.90	min 0.75		4
Bright value(Rs):	68%	min 25%		4
Dark value(Rb):	6%	max 34%		4
Bar:	-31 11	-66/+66		4
Space:	-11 34	-66/+66		4
P-Value:	-33 24	-133/+133		4
Mean:	-6	-66/+66		4
Z-Module:	261			
Ratio:	2.390	2.000/3.000		4
CPI:	7.403			

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Detailed evaluation:

B = Bar, S = Space, E = Bar + Space

C = Char, CS = Char set, SCV = Value

P = P-value, V = Decodability[%], T = Gap(R), G = Gap

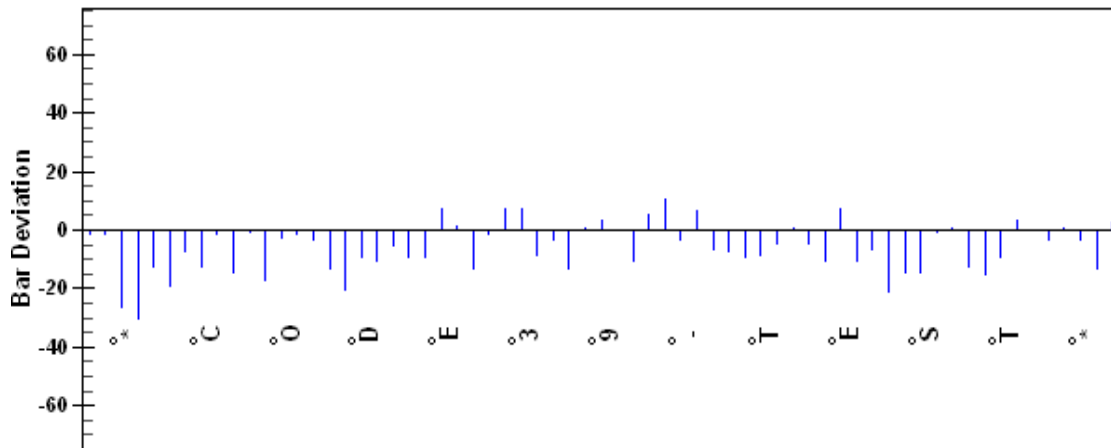
	B S P	B S T	B S V	B S CS	B G SCV
C	-2	-2	-27	-31	-13
	-1	6	34	12	275
*	-23	0	82%		43
C	-20	-8	-13	-2	-15
	18	1	13	-7	263
	-33	0	87%		12
O	-1	-18	-3	-2	-4
	6	-8	3	5	265
	-22	0	88%		24
D	-14	-21	-10	-11	-6
	1	13	21	12	273
	-14	0	96%		13
E	-10	-10	8	2	-14
	3	6	15	-3	262
	-2	0	87%		14
3	-2	8	8	-9	-4
	11	0	-4	-6	255
	3	0	83%		3
9	-14	1	4	0	-11
	10	19	3	-3	254
	9	0	87%		9
-	6	11	-4	7	-7
	0	-11	4	2	272
	9	0	81%		36
T	-8	-10	-9	-5	1
	-1	12	25	19	265
	24	0	88%		29

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	-5	-11	8	-11	-7
	4	12	12	3	262
E	4	0	92%		14
	-22	-15	-15	-1	1
	23	14	11	22	252
S	18	0	88%		28
	-13	-16	-10	4	0
	5	3	22	11	254
T	7	0	88%		29
	-4	1	-4	-14	3
	14	1	19	5	
*	20		85%		43

Histogram:



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Barcode reflectance profile:

