TOP GLOVE SDN BHD
(MANUFACTURER)

CERTIFICATE OF ANALYSIS

Customer	ALESSA S.A.
Brand	TOP GLOVE [ALESSA SA, MEDO CW] LP GREEN MINT SMOOTH DIM D
Sales Order	5400012361
Customer PO	ALS01/22
Type of Glove	LATEX POWDERED GLOVE Green,Mint,Smooth / Embossed Inside
Glove Grade	CW050
AQL Required	1.5
Date of release	31.12.2022
Reference Standard	The above consignment of goods have been inspected against Top Glove Standard where samples selected at random using Single Sampling Plans for Normal Inspection of ISO 2859-1.

Declared Quantity, Size, Lot no., Manufacturing Date, Expiry Date

Size	Quantity (Carton)	Quantity (Pieces)	Lot No.	Manufacturing Date	Expiry Date
S	600	600,000	205012361LPZC	2022-09-01	2027-08-31
M	600	600,000	205012361LPZC	2022-09-01	2027-08-31
L	200	200,000	205012361LPZC	2022-09-01	2027-08-31
XL	120	120,000	205012361LPZC	2022-09-01	2027-08-31
TOTAL	**1,520**	**1,520,000**			

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Freedom From Holes					
	S	PC	GI	AQL 1.5	PASS
	M	PC	GI	AQL 1.5	PASS
	L	PC	GI	AQL 1.5	PASS
	XL	PC	GI	AQL 1.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Major Visual Defect					
	S	PC	GI	AQL 2.5	PASS
	M	PC	GI	AQL 2.5	PASS
	L	PC	GI	AQL 2.5	PASS
	XL	PC	GI	AQL 2.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
Minor Visual Defect					
	S	PC	GI	AQL 4.0	PASS
	M	PC	GI	AQL 4.0	PASS
	L	PC	GI	AQL 4.0	PASS
	XL	PC	GI	AQL 4.0	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Length					**S2_4.0MV**			
	S	mm	13	0	1	245	248	PASS
	M	mm	13	0	1	246	247	PASS
	L	mm	13	0	1	245	248	PASS
	XL	mm	13	0	1	245	246	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Palm Width					**S2_4.0MV**			
	S	mm	13	0	1	84	85	PASS
	M	mm	13	0	1	94	95	PASS
	L	mm	13	0	1	104	105	PASS
	XL	mm	13	0	1	113	114	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Fingertip Thickness					**S2_4.0MV**			
	S	mm	13	0	1	0.12	0.13	PASS
	M	mm	13	0	1	0.12	0.13	PASS
	L	mm	13	0	1	0.12	0.13	PASS
	XL	mm	13	0	1	0.12	0.13	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Palm Thickness					**S2_4.0MV**			
	S	mm	13	0	1	0.10	0.11	PASS
	M	mm	13	0	1	0.10	0.11	PASS
	L	mm	13	0	1	0.10	0.11	PASS
	XL	mm	13	0	1	0.10	0.11	PASS

ASTM D3578-19 Requirement:

Length (mm):
XS, S : Min. 220
M, L, XL, XXL : Min. 230

Width (mm):
XS: 70 ± 10
S: 80 ± 10
M: 95 ± 10
L: 111 ± 10
XL: 120 ± 10
XXL: 130 ± 10

Thickness (Fingertip & Palm):
Min. 0.08mm

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength Before Aging					**S2_4.0TR**			
	S	MPa	13	0	1	18.4	19.4	PASS
	M	MPa	13	0	1	19.3	23.4	PASS
	L	MPa	13	0	1	19.6	20.6	PASS
	XL	MPa	13	0	1	19.5	24.5	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging					**S2_4.0TR**			
	S	%	13	0	1	723.4	867.5	PASS
	M	%	13	0	1	735.3	883.5	PASS
	L	%	13	0	1	703.4	870.1	PASS
	XL	%	13	0	1	755.6	895.4	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength After Aging					**S2_4.0TR**			
	S	MPa	13	0	1	20.4	26.7	PASS
	M	MPa	13	0	1	23.5	27.1	PASS
	L	MPa	13	0	1	21.5	26.5	PASS
	XL	MPa	13	0	1	19.5	24.5	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging					**S2_4.0TR**			
	S	%	13	0	1	745.6	887.5	PASS
	M	%	13	0	1	704.5	894.5	PASS
	L	%	13	0	1	776.8	903.5	PASS
	XL	%	13	0	1	736.8	867.2	PASS

ASTM D3578-19 Requirement:

Before Aging:
Tensile Strength: Min. 18 MPa
Elongation at Break: Min. 650%

After Aging:
Tensile Strength: Min. 14 MPa
Elongation at Break: Min 500%

Characteristics	Size	Unit	Sample Size	Mean Value	Result
Powder Amount			**FIXTR_2**		
	S	mg/dm²	2	7.7	PASS
	M	mg/dm²	2	8.6	PASS
	L	mg/dm²	2	8.8	PASS
	XL	mg/dm²	2	9.2	PASS

Requirement : Max. 10mg/dm²

Conclusion

We hereby certify that glove consignment of goods were determined to meet the acceptable limit of the specifications as referring to the above findings of randomly selected samples.

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QA EXECUTIVE

Approved By
MR AMAS NG
QA MANAGER

This is a computer generated test report, no signature is required