

TOP GLOVE SDN BHD

CERTIFICATE OF ANALYSIS

Customer ALESSA S.A.
Brand TG [ALESSA SA, MEDO CW] DIM D
Sales Order 2000144178
Customer PO ALS01/21
Type of Glove LATEX POWDERED GLOVE Natural, No Flavour, Smooth / Embossed Inside
AQL Required 1.5
Date of release 30.11.2021
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	700	700,000	219144178LPZB	2021-09-01	2026-08-31
TOTAL	700	700,000			

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

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

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

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Palm Width	S	mm	13	0	S2_4.0MV 1	84	85	PASS

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Palm Thickness	S	mm	13	0	S2_4.0MV 1	0.09	0.10	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	21.4	22.6	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging					S2_4.0TR			
	S	%	13	0	1	726	748	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	16.8	17.4	PASS
Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging					S2_4.0TR			
	S	%	13	0	1	608	626	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/dm ²	2	6.17	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.

Prepared By

ASPALILA SAEMAN

EXECUTIVE, QA

Approved By

TUAN ROBIATUL ADAWIYAH

MANAGER, QA

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