

TOP GLOVE SDN BHD

CERTIFICATE OF ANALYSIS

Customer ALESSA S.A
Brand TG [ALESSA SA, MEDO CW] DIM B
Sales Order 2000109823
Customer PO -
Type of Glove NITRILE POWDERED GLOVE (PALM TEXTURED/BLUE)
AQL Required 1.5
Date of release 09.11.2021
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
M	1950	1,950,000	202109823NPZC	2021-09-11	2026-09-10
TOTAL	1,950	1,950,000			

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

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

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

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Palm Width	M	mm	13	0	S2_4.0MV 1	95	97	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Fingertip Thickness	M	mm	13	0	S2_4.0MV 1	0.08	0.09	PASS

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

ASTM D6319-19 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: 110 ± 10

XL: 120 ± 10

XXL: 130 ± 10

Thickness (Fingertip & Palm):

Min. 0.05mm

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength Before Aging	M	MPa	13	0	S2_4.0TR 1	16.8	19.5	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging	M	%	13	0	S2_4.0TR 1	522.8	547.6	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength After Aging	M	MPa	13	0	S2_4.0TR 1	19.4	24.3	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging	M	%	13	0	S2_4.0TR 1	452.4	473.9	PASS

ASTM D6319-19 Requirement:

Before Aging:

Tensile Strength: Min. 14 MPa

Elongation at Break: Min. 500%

After Aging:

Tensile Strength: Min. 14 MPa

Elongation at Break: Min 400%

Characteristics	Size	Unit	Sample Size	Mean Value	Result
Powder Amount	M	mg/dm ²	FIXTR_2 2	6.58	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

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ENGINEER, QA

Approved By

MOHD FIRDAUS
MANAGER, QA

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