

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 (Smooth / Embossed Inside, Natural)
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
XS	1,900	1,900,000	219144178LPZA	2021-09-01	2026-08-31
S	1,906	1,906,000	219144178LPZA	2021-09-01	2026-08-31
TOTAL	3,806	3,806,000			

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

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

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Length					S2_4.0MV			
	XS	mm	13	0	1	244	245	PASS
	S	mm	13	0	1	246	247	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Palm Width					S2_4.0MV			
	XS	mm	13	0	1	76	77	PASS
	S	mm	13	0	1	84	85	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Fingertip Thickness					S2_4.0MV			
	XS	mm	13	0	1	0.11	0.12	PASS
	S	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			
	XS	mm	13	0	1	0.08	0.09	PASS
	S	mm	13	0	1	0.09	0.10	PASS

ASTM D3578-19 Requirement:

Length (mm) :	Width (mm) :	Thickness (Fingertip & Palm) :
XS, S : Min. 220	XS:70±10	Min. 0.08 mm
M, L, XL, XXL : Min. 230	S:80±10	
	M:95±10	
	L:111±10	
	XL:120±10	
	XXL : 130 ± 10	

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength Before Aging					S2_4.0MV			
	XS	MPa	13	0	1	20.3	21.8	PASS
	S	MPa	13	0	1	19.8	20.4	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength After Aging					S2_4.0MV			
	XS	MPa	13	0	1	15.4	16.8	PASS
	S	MPa	13	0	1	16.2	17.9	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging					S2_4.0MV			
	XS	%	13	0	1	729.0	748.0	PASS
	S	%	13	0	1	712.0	736.0	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging					S2_4.0MV			
	XS	%	13	0	1	597.0	620.0	PASS
	S	%	13	0	1	608.0	622.0	PASS

ASTM D3578-19 Requirement:

Before Aging :	After Aging :
Tensile Strength : Min. 18MPa	Tensile Strength : Min. 14MPa
Elongation at Break: Min. 650%	Elongation at Break: Min. 500%

Characteristics	Size	Unit	Sample Size	Mean Value	Result
Powder Amount (Powdered Glove)			FIXTR_2		
	XS	mg/dm2	2	6.08	PASS
	S	mg/dm2	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
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CHEMIST, QA

Approved By
HAR YEEN YEE
SNR MANAGER, QA

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