

TOP GLOVE SDN BHD

Certificate of Analysis

Customer	ALESSA S.A.
Brand	TG [ALESSA SA, MEDO CW] DIM D
Sales Order	2000109823
Customer PO	-
Type of Glove	NITRILE POWDER FREE ONLINE SINGLE CHLORINATED GLOVE (Finger Textured, Black)
AQL Required	1.5
Date of release	27.10.2021
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

COA3731/2000109823/000

Size	Quantity (Carton)	Quantity (Pieces)	Lot No.	Manufacturing Date	Expiry Date
M	1,700	1,700,000	231109823NCZA	2021-09-11	2026-09-10
L	1,500	1,500,000	231109823NCZA	2021-09-11	2026-09-10
TOTAL	3,200	3,200,000			

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

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

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Glove Length					S2_4.0MV			
	M	mm	13	0	1	245	246	PASS
	L	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			
	M	mm	13	0	1	93	94	PASS
	L	mm	13	0	1	106	107	PASS

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Palm Thickness					S2_4.0MV			
	M	mm	13	0	1	0.06	0.07	PASS
	L	mm	13	0	1	0.06	0.07	PASS

ASTM D6319-19 Requirement:

Length (mm) :	Width (mm) :	Thickness (Fingertip & Palm) :
XS, S : Min. 220	XS : 70 ± 10	Min. 0.05mm
M, L, XL, XXL : Min. 230	S : 80 ± 10	
	M : 95 ± 10	
	L : 110 ± 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			
	M	MPa	13	0	1	23.5	25.8	PASS
	L	MPa	13	0	1	19.6	22.4	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Tensile Strength After Aging					S2_4.0MV			
	M	MPa	13	0	1	26.4	28.9	PASS
	L	MPa	13	0	1	24.0	26.1	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation Before Aging					S2_4.0MV			
	M	%	13	0	1	564.0	582.0	PASS
	L	%	13	0	1	528.0	544.0	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
Elongation After Aging					S2_4.0MV			
	M	%	13	0	1	411.0	431.0	PASS
	L	%	13	0	1	474.0	483.0	PASS

ASTM D6319-19 Requirement:

Before Aging :	After Aging :
Tensile Strength : Min. 14Mpa	Tensile Strength : Min. 14Mpa
Elongation at Break : Min. 500%	Elongation at Break: Min. 400%

Characteristics	Size	Unit	Sample Size	Mean Value	Result
Powder Free Residue (Powderfree Glove)			FIXTR_5		
	M	mg/glo	5	0.12	PASS
	L	mg/glo	5	0.36	PASS

Requirement : Max. 2mg/glove

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

MOHD FIRDAUS B. MUSTAKIM
MANAGER, QA

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