

# TOP GLOVE SDN BHD (MANUFACTURER)

## Certificate of Analysis

**Customer** ALESSA S.A.  
**Brand** TG [ALESSA SA, MEDO CW] DIM D  
**Sales Order** 5400027926  
**Customer PO** -  
**Type of Glove** LATEX POWDER FREE ONLINE SINGLE CHLORINATED GLOVE (Palm Textured/Embossed Outside, Natural)  
**Glove Grade** CW054  
**AQL Required** 1.5  
**Date of release** 07.04.2025  
**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

**COA1119/5400027926/000**

Size	Quantity (Carton)	Quantity (Pieces)	Lot No.	Manufacturing Date	Expiry Date
S	300	300,000	219027926LCZA	2025-02-14	2030-02-13
M	500	500,000	219027926LCZA	2025-02-14	2030-02-13
L	150	150,000	219027926LCZA	2025-02-14	2030-02-13
<b>TOTAL</b>	<b>950</b>	<b>950,000</b>			

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
<b>Freedom From Holes</b>					
	S	PC	GI	AQL 1.5	PASS
	M	PC	GI	AQL 1.5	PASS
	L	PC	GI	AQL 1.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
<b>Major Visual Defect</b>					
	S	PC	GI	AQL 2.5	PASS
	M	PC	GI	AQL 2.5	PASS
	L	PC	GI	AQL 2.5	PASS

Characteristics	Size	Unit	Inspection Level	Acceptance	Result
<b>Minor Visual Defect</b>					
	S	PC	GI	AQL 4.0	PASS
	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
<b>Glove Length</b>					<b>S2_4.0MV</b>			
	S	mm	13	0	1	244	246	PASS
	M	mm	13	0	1	245	247	PASS
	L	mm	13	0	1	245	248	PASS

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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
<b>Fingertip Thickness</b>					<b>S2_4.0MV</b>			
	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

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
<b>Palm Thickness</b>					<b>S2_4.0MV</b>			
	S	mm	13	0	1	0.10	0.11	PASS
	M	mm	13	0	1	0.09	0.10	PASS
	L	mm	13	0	1	0.10	0.11	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
<b>Tensile Strength Before Aging</b>					<b>S2_4.0MV</b>			
	S	MPa	13	0	1	19.6	25.0	PASS
	M	MPa	13	0	1	20.3	23.8	PASS
	L	MPa	13	0	1	19.3	24.4	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
<b>Tensile Strength After Aging</b>					<b>S2_4.0MV</b>			
	S	MPa	13	0	1	14.3	17.8	PASS
	M	MPa	13	0	1	15.7	20.2	PASS
	L	MPa	13	0	1	14.4	19.5	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
<b>Elongation Before Aging</b>					<b>S2_4.0MV</b>			
	S	%	13	0	1	688.5	792.1	PASS
	M	%	13	0	1	656.9	725.8	PASS
	L	%	13	0	1	654.6	722.7	PASS

Characteristics	Size	Unit	Sample Size	Non-Compliant	Acceptance	Min. Value	Max. Value	Result
<b>Elongation After Aging</b>					<b>S2_4.0MV</b>			
	S	%	13	0	1	690.7	790.6	PASS
	M	%	13	0	1	676.7	791.5	PASS
	L	%	13	0	1	690.0	796.7	PASS

ASTM D3578-19 Requirement:

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

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

Characteristics	Size	Unit	Sample Size	Mean Value	Result
<b>Powder Free Residue (Powderfree Glove)</b>			<b>FIXTR_5</b>		
	S	mg/glo	5	0.80	PASS
	M	mg/glo	5	0.88	PASS
	L	mg/glo	5	0.82	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**  
ASPALILA BT. SAEMAN  
EXECUTIVE, QA

**Approved By**  
HAR YEEN YEE  
SNR. MANAGER, QA



TOP GLOVE SDN BHD (F20)  
(Company No. 220483-T)  
LOT 4988, D/A JALAN BUNGA RAYA,  
OFF JALAN MERU,  
41050 KLANG, SELANGOR D.E.  
TEL: 03-3392 5900 FAX: 03-3392 5910

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