

Fisher Catalog Number: 12892006B
Lot Number: EP1464
Quantity Cases: 819 cases
Product Description: Fisherbrand™ Nitrile Cleanroom Gloves, Class 100, 300mm,
Size: Ambidextrous, Non-sterile Medium
Production Date: May 2023
Expiration Date: April 2028

CERTIFICATE OF CONFORMANCE

Type of Inspection	Original								
Consignment	Nitrile 300mm C100								
Quantity/Size	Quantity per consumer package –100 pcs/polybag								
Breakdown/ Samples	Quantity per shipping carton – 10 polybags/case								
Size									
		XS	S	M	L	XL	XXL	Total	
	#of Cartons	0	0	819	0	0	0	819	
	# of Pieces	0	0	819000	0	0	0	819000	
	% of Total	0	0	100	0	0	0	100	
	# of Pcs of Samples	0	0	125	0	0	0	125	
Visual Inspection – Major & Minor Defects									
	Major Defects		S4	AQL	2.5	Maximum Allowable		7	
	Minor Defects		S4	AQL	4.0	Maximum Allowable		10	
	MAJOR Size:		XS	S	M	L	XL	XXL	Total
	sample pcs:		0	0	125	0	0	0	125
	Tearing (beading)		0	0	0	0	0	0	0
	Oily look		0	0	0	0	0	0	0
	Total :		0	0	0	0	0	0	0
	MINOR Size:		XS	S	M	L	XL	XXL	Total
	sample pcs:		0	0	125	0	0	0	125
	Lumps		0	0	0	0	0	0	0
	Embedded stain		0	0	0	0	0	0	0
	Stickiness		0	0	0	0	0	0	0
	Removable dirt		0	0	0	0	0	0	0
	Thin spot		0	0	0	0	0	0	0
	Black dot		0	0	2	0	0	0	2

	Dirt	0	0	0	0	0	0	0
	Stain	0	0	1	0	0	0	1
	Roll beading	0	0	0	0	0	0	0
	Discolour	0	0	3	0	0	0	3
		0	0	0	0	0	0	0
	Total:	0	0	6	0	0	0	6

Visual Inspection – Barrier Defects (Holes/Pin Holes)	Inspection Level	S4	AQL	1.5	Maximum Allowable	5

SIZE	SAMPLE SIZE	CUFF	PALM	CROTCH	FINGER	F/TIP	OTHERS	TOTAL
XS	0	0	0	0	0	0	0	0
S	0	0	0	0	0	0	0	0
M	125	0	0	2	0	0	0	2
L	0	0	0	0	0	0	0	0
XL	0	0	0	0	0	0	0	0
XXL	0	0	0	0	0	0	0	0
Total	125	0	0	2	0	0	0	2

ACC	5
REJ	6

Physical Dimension & Properties	As Per ASTM D6319									
	SIZE	LEN GTH(mm)	WIDTH (mm)	THICKNESS(mm)			BEFORE AGEING		AFTER AGEING	
				CUFF	PALM	FINGER	Tensile (Mpa)	Elonga tion(%)	Tensile (Mpa)	Elonga tion(%)
	M	300	95	0.070	0.090	0.140	17.08	700	16.51	630
	M	300	95	0.075	0.095	0.145	18.12	725	17.44	655
	M	300	94	0.070	0.090	0.140	17.59	710	16.93	640
	M	295	96	0.070	0.090	0.140	16.80	685	16.29	615
	M	300	96	0.075	0.095	0.135	16.47	675	15.73	590
	M	305	95	0.065	0.095	0.135	17.65	720	17.16	650
	M	300	94	0.070	0.090	0.130	16.32	655	15.54	580
	M	305	94	0.070	0.090	0.130	17.23	700	16.65	630
	M	305	94	0.070	0.095	0.135	18.42	730	17.76	675
	M	300	93	0.065	0.095	0.135	16.59	670	15.82	605
	M	305	95	0.065	0.095	0.140	17.84	720	17.36	655
	M	305	96	0.070	0.090	0.130	18.30	740	17.59	670
	M	300	95	0.070	0.095	0.135	16.36	685	16.04	600
	Length Required: 300 +/-10mm						Tensile: min 15.00Mpa		Tensile: min 14.00Mpa	
Thickness Requirement: Cuff: 0.07 +/-0.02mm Palm: 0.10+/-0.02mm Finger: 0.14 +/-0.02mm						Elongation: min 600%		Elongation: min 400%		

Liquid Particle Counts (counts/cm ²)	Equipment: Using Liquid Syringe Sampler, Brand: PMS, Model# SLS 1500 , Test Method IES-RP-CC005.4								
	SIZE	0.5-1.0um	1.0-2.0um	2.0-5.0um	5.0-10um	10-20um	<20um	Total	Spec counts/cm2
	M	1604.3	77.8	26.5	11.9	2.4	0.8	1723.7	<2200

Ion Chromatograph Determination (ug/cm²)		
	Equipment: Ion Chromatograph, Brand: Tosoh, Model# IC-2010, Test Method IES-RP-CC005.4	
	ANION (ug/cm²)	Size
		M
	Fluoride	0.021
	Chloride	1.075
	Bromide	0.029
	Nitrate	1.033
	Phosphate	0.647
	Sulphate	0.680
	CATION (ug/cm²)	Size
		M
	Sodium	0.036
	Lithium	<0.0005
	Magnesium	< 0.005
	Copper	<0.0005
	Potassium	0.028

Non-Volatile Residue Determination	<i>Equipment: Using Mettler Toledo instrument model UMX2 and using IPA, Test Method IES-RP-CC005.4</i>	
	<i>Parameter (ug/cm²)</i>	<i>Size</i>
		<i>M</i>
	<i>NVR</i>	<i>2.17</i>
FTIR Determination	<i>Equipment: FTIR instrument model FTIR-8400, Test Method IES-RP-CC005.4</i>	
	<i>Parameter(ug/cm²)</i>	<i>SIZE</i>
		<i>M</i>
	<i>Amide</i>	<i>Negative</i>
	<i>DOP</i>	<i>Negative</i>
	<i>Silicone Oil</i>	<i>Negative</i>
Status	VISUAL DEFECTS – MAJOR & MINOR	PASS
	VISUAL DEFECTS – BARRIER	PASS
	PHYSICAL DIMENSION & PROPERTIES	PASS
	LIQUID PARTICLE COUNTS	PASS
	ION CHROMATOGRAPH	PASS
	NON – VOLATILE RESIDUE	PASS
	FTIR	PASS
Conclusion	Based on the results reported herein, obtained from samples selected randomly accordingly to ISO 2895, the lot inspected having fulfilled all the product specifications, is hereby certified to have complied with the desired product requirements.	

This Certificate has been compiled with data that has been provided by the manufacturer of the product. The Fisher Scientific channel has not independently verified such data. This document has been produced electronically and is valid without a signature.

Fisher Scientific Company L.L.C.
Quality Assurance Department