

# ULTRACLEAN ECO 245mm CLEANROOM CR1000 NITRILE GLOVE



## Reliable protection for clean environments

ULTRACLEAN ECO CR1000 Nitrile is a clean nitrile glove with low levels of ionic content and particles - for reliable product protection. Designed for use in Class 1000 / ISO 6 Cleanroom Environments.

- Compatible with Class 1000 (ISO 6)
- Low levels of ionic content and particles for excellent product protection



### Industries

- Biotechnology Manufacturing Medical Device
- Manufacturing Electronics Manufacturing

### Recommended For

- Cleanroom cleaning and preparing
- Blending, compounding solids and liquids
- Spill or leakage cleanup
- Transferring liquids and solids
- Loading centrifuges and chromatography columns
- Assembly of parts
- Weighing and dispensing of solid and liquid raw materials

**Great Utopian Sdn Bhd**  
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220 Tagore Lane  
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Singapore 787600

# ULTRACLEAN ECO

## 245mm CLEANROOM CR1000

### NITRILE GLOVE



## TECHNICAL DATA SHEET

### Product Information

	Nitrile Glove
Material	Acrylonitrile Butadiene Rubber
Color	White
Shape	Ambidextrous
Packaging	100 gloves per double bagged inner polybag; 10 inner bags per master polybag;  10 polybags per (1000 gloves) master liner bag.
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone origination.
Country of Origin	Malaysia
Available Sizes	XS, S, M, L, XL
Special Features	Single Chlorinated
Internal Gloves Surface	Powder-Free
Cleanroom Class	Class 1000 / ISO 6
Shelf Life	3 years
Tested For Use With Chemotherapy Drugs	No
Protein Level	N/S: contains no natural rubber latex
Anti-static	Static Dissipative

# ULTRACLEAN ECO

## 245mm CLEANROOM CR1000

### NITRILE GLOVE



#### PHYSICAL PROPERTIES

Sizes/Specification	Small	Medium	Large	Testing Method
Length (mm/in)(+/- 5mm)	245/9.6	245/9.6	245/9.6	Ruler
Palm Width (mm/in)(+/- 5mm)	85/3.3	95/3.7	105/4.1	Ruler
Glove Weight (gm)(+/-0.2g)	4.0	4.5	5.0	Weighing Scale

Freedom From Holes	2.5 AQL	EN 455-1/ ASTM D3577
Typical Particle Count ≥ 0.5µm (counts/cm <sup>2</sup> )	< 3,000 particles/cm <sup>2</sup>	IEST-RP-CC005.4
Minimum Single Wall Finger Thickness (mm/mil)(+/- 0.02mm)	0.12 / 4.7 mil	EN 420/ ASTM D3767
Minimum Single Wall Palm Thickness (mm/mil)(+/- 0.02mm)	0.10 / 3.9 mil	EN 420/ ASTM D3767
Minimum Single Wall Cuff Thickness (mm/mil)(+/- 0.02mm)	N/A	EN 420/ ASTM D3767

	Standard	Before Ageing	After Ageing
Force at Break (N)	EN 455-2	6N min	6N min
Tensile Strength (MPa)	ASTM D6319	Min. 14 MPa	Min. 14 MPa
Elongation (%)	ASTM D6319	500%	400%

# ULTRACLEAN ECO 245mm CLEANROOM CR1000 NITRILE GLOVE



## DISPOSABLE NITRILE CLEANROOM GLOVES TECHNICAL DATA SHEET

Parameter	Class 1000 / ISO 6
Chloride, $Cl^-$	< 3.00ug/cm <sup>2</sup>
Nitrate, $NO_3^-$	< 2.50ug/cm <sup>2</sup>
Sulphate, $SO_4^{2-}$	< 2.00ug/cm
Fluoride, $F^-$	< 0.08ug/cm <sup>2</sup>
Bromide, Br	< 0.125ug/cm <sup>2</sup>
Potassium, K	< 0.100ug/cm <sup>2</sup>
Magnesium, Mg	< 0.006ug/cm <sup>2</sup>
Sodium, Na	< 0.10ug/cm <sup>2</sup>
TNVR (solvent)	< 25ug/cm <sup>2</sup>

## OTHER PARAMETERS

Parameter	Class 1000
Silicone, Amide, DOP by FTIR	Not Detected
Surface Resistivity	max 1.0x10E09
Triboelectric Charge	Max 50 volts
Static Decay	< 0.5 Seconds



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Issue Date : 20-Aug-2025  
Lab Ref. No. : BC/L2508/0740-1

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Bandar Indahpura  
81000 Kulai, Johor, Malaysia

### CERTIFICATE OF ANALYSIS

Sample Received Date : 18-Aug-2025  
Type of Sample : UltraClean ECO Nitrile Gloves 9"

### RESULTS OF ANALYSIS

Parameter(s)	Result(s)
Silicone Oil	Not Detected
DOP	Not Detected
Amides	Not Detected

### Remark(s):

Test Method Based on IEST-RP-CC005.4

### ChM. Oon Leay Shee (Grace)

Chemist  
B. Sc. (HONS), MMIC (M/3217/6029/11)

This Test Report is provided solely for informational purposes and is not to be construed as providing legal advice, recommendations or warranties of any kind whatsoever. The Test Report is prepared according to our standard testing requirements and based solely on the samples submitted by you. We have made every reasonable effort to ensure the accuracy and reliability of the information provided herein. However, we shall not be deemed to have warranted or guaranteed the accuracy and reliability of the results contained in the Test Report under whatsoever circumstances. Neither shall we be liable and responsible for any loss or damage of whatever nature (direct, indirect, incidental, economical, punitive and consequential) caused or alleged to be caused by or in connection with and arising out of the use of or reliance on this Test Report.



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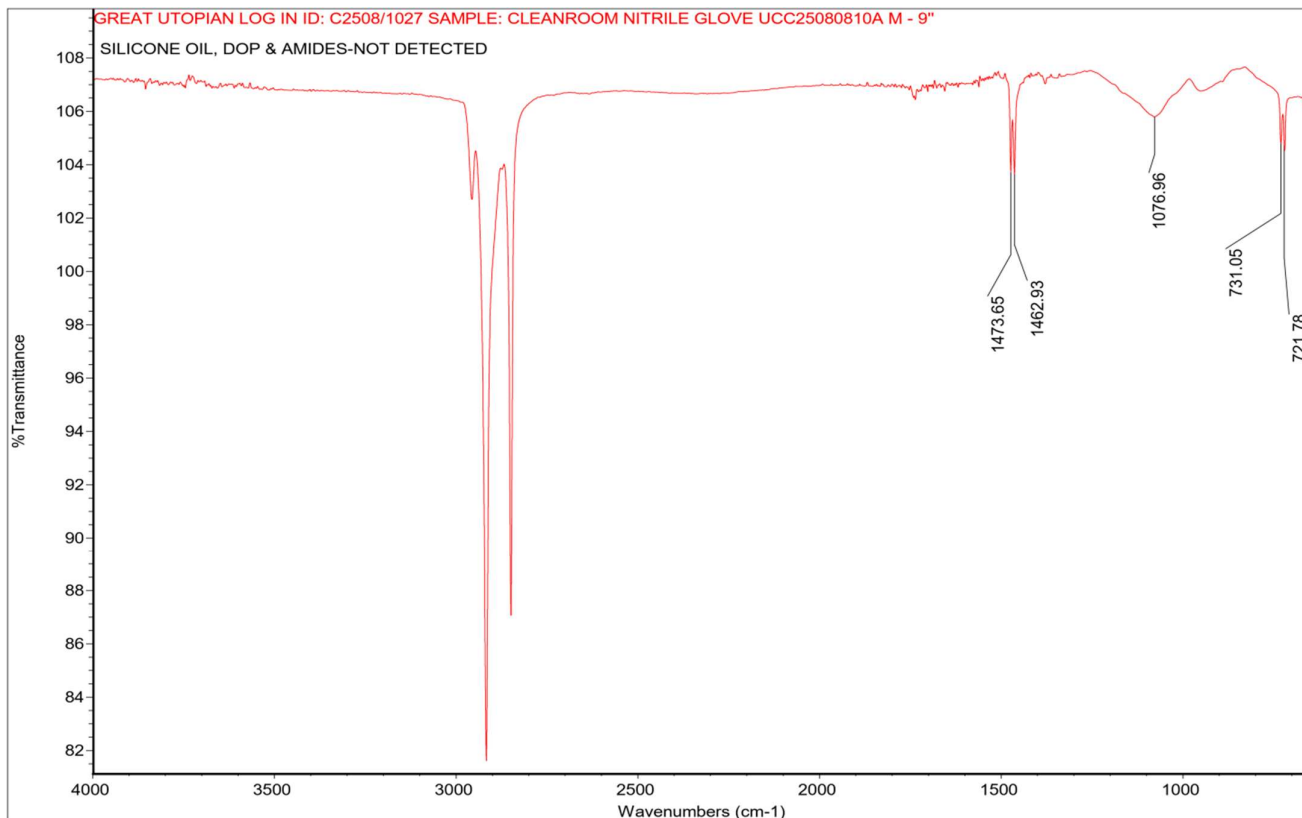
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### CERTIFICATE OF ANALYSIS

Sample Received Date : 29-Sep-2025  
Type of Sample : CLEANROOM NITRILE GLOVE UCA25090310B

### RESULTS OF ANALYSIS

Parameter(s)	Unit	Result(s)
Fluoride	µg/cm <sup>2</sup>	0.004
Chloride	µg/cm <sup>2</sup>	0.201
Nitrite	µg/cm <sup>2</sup>	0.002
Bromide	µg/cm <sup>2</sup>	<0.001
Nitrate	µg/cm <sup>2</sup>	0.35
Phosphate	µg/cm <sup>2</sup>	<0.001
Sulphate	µg/cm <sup>2</sup>	0.03
Lithium	µg/cm <sup>2</sup>	<0.001
Sodium	µg/cm <sup>2</sup>	0.048
Ammonium	µg/cm <sup>2</sup>	0.002
Potassium	µg/cm <sup>2</sup>	0.022
Magnesium	µg/cm <sup>2</sup>	<0.001
Calcium	µg/cm <sup>2</sup>	0.236
Zinc	µg/cm <sup>2</sup>	<0.001

### Remark(s):

Test Method Based on IEST-RP-CC005.4  
Surface Area of 1 glove used for calculation: 1304 cm<sup>2</sup>

### ChM. Oon Leay Shee (Grace)

Chemist

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- End of Report -

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81000 Kulai, Johor, Malaysia

### CERTIFICATE OF ANALYSIS

Sample Received Date : 29-Sep-2025  
Type of Sample : CLEANROOM NITRILE GLOVE UCA25090310B

### RESULTS OF ANALYSIS

Parameter(s)	Unit	Samples(s)	Result(s)
Liquid Particle Count ( $\geq 0.5 \mu\text{m}$ )	particles/cm <sup>2</sup>	Data 1	1892
		Data 2	1914
		Data 3	1856
		Average	1887

### Remark(s):

Test Method Based on IEST-RP-CC005.4  
Surface Area of 1 glove used for calculation: 1304 cm<sup>2</sup>

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