Ultranitril 495
Food Contact Test Results

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The glove **Ultranitril 495** has been tested to evaluate its capacity to be put into contact with food according to the European regulation 1935/2004/EC of the European parliament and the council on materials and articles intended to come into contact with food, and to French law of August 5th, 2020, dealing with materials and articles in rubber, intended to come into contact with food.

a) Volatil organic matters (1)

Method : Arrêté du 05/08/2020 – Détermination gravimétrique

Result : 0.28 % Limit : < 0.5 %

b) Peroxydes content (1)

Method : Pharmacopée Française Xème édition

Result : compliant Requirement : negative

c) Specific migration formaldehyde + hexamethylenetetramine (1)

Method : Arrêté du 05/08/2020 – Spectrometer UV/visible

Result : < 3 mg/kg Limit : < 15 mg/kg

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d) Specific migration formaldehyde (1)

Method : Arrêté du 05/08/2020 – Spectrometer UV/visible

Result : < 3 mg/kg Limit : < 3 mg/kg

e) Specific migration primary aromatic amines (1)

Method : EN 13130-1

Result : < 0.001 mg/kg Limit : < 0.01 mg/kg

f) Specific migration primary and secondary aromatic amines (1)

Method : EN 13130-1

Result : < 1 mg/kg Limit : < 1 mg/kg

g) Specific migration N-nitrosamines (1)

Method : EN 12868

Result : < 1 µg/dm² Limit : < 1 µg/dm²

h) Specific migration N-nitrosable substances (1)

Method : EN 12868

Result : < 10 µg/dm² Limit : < 10 µg/dm²

i) Specific migration of 4 heavy metals [1]

Method : EN 13130-1

Metal	Result (mg/kg)	Limit (mg/kg)
Aluminium	< 0.1	< 1
Barium	< 0.1	< 1.2
Copper	< 0.1	< 4
Zinc	< 0.1	< 5

j) Repeated overall migrations [1]

Method : EN 1186, contact 3 times 2 h at 40°C

Simulant	Result (mg/dm²)	Limit (mg/dm²)
Acetic acid 3%	< 3	< 10
Ethanol 10%	< 3	< 10
Olive oil	< 3	< 10

Conclusion :

The glove is in compliance with the European and French food contact regulation.

It can come into contact with all kind of food.

References :

[1] SGS St Etienne du Rouvray, rapport CL21-04123, 13/10/2021

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