

Customer details: Majestic Products B.V.
Curieweg 19
3208 KJ Spijkenisse
The Netherlands

SATRA reference: CHM0241442/1601/
SMcD – Issue 4

Your reference:

Date of report: 27th May 2016

Samples received: 4th January 2016

For the attention of: Vincent Hameleers

Date(s) work
carried out: 4th – 6th January 2016

TECHNICAL REPORT

Subject:

Determination of aqueous extractable proteins in accordance with BS EN 455-3: 2015 Annex A on gloves described as GRIPPAZ 246 (article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves)

Issue 4 – This report replaces CHM0241442/1601/SMcD – Issue 3 dated 26th May 2016

Conditions of Issue:

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The uncertainty of the results (UoM) in this report is based on a standard uncertainty multiplied by a coverage factor $k=2$, which provides for a confidence level of approximately 95%.

Report signed by: S McDonald
Position: Chemical Technologist
Department: Chemical & Analytical Technology



WORK REQUESTED:

Samples of gloves described as GRIPPAZ 246 were received on the 4th January 2016 for testing in accordance with the innocuousness requirements of BS EN 420: 2003 + A1: 2009 Protective Gloves - General Requirements and Test Methods. The manufacturer confirmed the results from these gloves are also applicable to article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves.

SAMPLES RECEIVED:

- GRIPPAZ 246 (article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves)

CONCLUSIONS:

The gloves described as GRIPPAZ 246 (article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves) were analysed to determine the amount of aqueous extractable proteins present, and were found to contain levels below the labelling requirements of 50µg/g. This result allows the gloves to be labelled 'Latex-free'.

Full results are given below.

TESTING:

- BS EN 420: 2003 Clause 4.3.4 Extractable (latex) protein. (BS EN 455-3: 2015 - Appendix A. Method for the determination of aqueous extractable proteins in natural rubber gloves using the modified Lowry assay).

Testing completed 6th January 2016

RESULTS AND REQUIREMENTS:

Sample	Extractable proteins (µg/g)	UoM
GRIPPAZ 246 (article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves)	<10	± 19.9 %
Requirement	EN 455-3 Clause 4.5 does not allow protein free labelling above 50µg/g	

The result is based on the mean of four determinations.

APPENDICES:



Gloves described as GRIPPAZ 246 (article number 1.44.550.00, 1.44.560.00, 1.44.570.00 M-Safe 246 Nitrile Grippaz gloves)

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Issue Date: 1st October 2009