

SATRA Technology Centre Ltd Wyndham Way, Telford Way, Kettering, Northamptonshire, NN16 8SD United Kingdom Tel: +44 (0) 1536 410000 Fax +44 (0) 1536 410626

email: info@satra.co.uk www.satra.co.uk

Customer details: Majestic Products B.V.

Curieweg 19

3208 KJ Spijkenisse The Netherlands

SATRA reference: CHM0241442/1601/

SMcD - Issue 4

Your reference:

27<sup>th</sup> May 2016 Date of report:

Samples received: 4th January 2016

For the attention of: Vincent Hameleers Date(s) work

4<sup>th</sup> - 6<sup>th</sup> January 2016 carried out:

# **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 26<sup>th</sup> May 2016

# **Conditions of Issue:**

This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the client as a result of information supplied in the report.

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

(Page 1 of 4)

SATRA Technology Centre Ltd (a subsidiary of SATRA). Registered in England No. 3856296 at the above address

# TECHNICAL REPORT



# **WORK REQUESTED:**

Samples of gloves described as GRIPPAZ 246 were received on the 4<sup>th</sup> 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.

Majestic Products B.V.

SATRA Reference: CHM0241442/1601/SMcD - Issue 4 Date:

(Page 2 of 4) 27<sup>th</sup> May 2016

Signed:

# **TECHNICAL REPORT**



# **APPENDICES:**



NOLOGY

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)

Date:

Signed:



# TECHNICAL REPORT

## TERMS AND CONDITIONS OF BUSINESS

#### GENERAL

Work done or services undertaken are subject to the terms and conditions detailed below and all other conditions, warranties and representations, expressed or implied are hereby excluded.

#### PRICES

Prices are based on current material and production costs, exchange rates, duty and freight and are subject to change without notice.

#### 3. DELIVERY ESTIMATES

Delivery estimates are made in good faith and date from receipt of a written order and full information to enable us to proceed. While SATRA or its subsidiaries (hereafter referred to as "SATRA") make every effort to fulfil them, such estimates are subject to unforeseen events and if not maintained, cannot give rise to any claim. Offers "ex stock" are subject to prior sale.

## CANCELLATION AND RETURNS

Cancellation of orders for goods, services, training or consultancy is only acceptable by prior agreement of SATRA and a charge will normally be made.

#### CLAIMS

Claims for errors, shortages etc should be notified within 10 days of date of receipt. In the event of goods damaged in transit, packing materials should be retained for examination; otherwise no liability can be accepted.

#### PAYMENT TERMS

Payment terms are net 21 days from date of invoice. Failure to comply with the terms of payment may result in delayed delivery of goods and services and a review of the Customer's credit account. Should the customer become subject to an administration order, or becomes bankrupt or goes into liquidation, SATRA has a right to cancel any contract and discontinue any work. SATRA reserves the right to adjust US Dollar and Euro sales price where customer exceeds credit terms and where the exchange rate has moved more than 10% since invoicing.

#### RETENTION OF TITLE

All goods remain the property of SATRA until paid in full. Under no circumstances will a customer's purchase order override SATRA's Retention of Title clause. In the case of software, the ownership of the software remains with SATRA. Payment of invoices in full will entitle the customer to use the software under licence until (a) they cease to be a member of SATRA or (b) they cease trading. In both instances, the licence shall then revert to SATRA.

# 8. GUARANTEE

All goods manufactured by SATRA are guaranteed both as regards material and workmanship. Any part returned carriage paid, within twelve months from date of supply and found defective, will be repaired or replaced at SATRA's option free of charge. SATRA admits no liability for loss, damage or delay consequent on any defect in any goods supplied by SATRA.

# 9. TEST REPORTS

Results given in test reports refer only to samples submitted for analysis and tested by SATRA. A satisfactory test report in no way implies that the product tested is approved by SATRA and no warranty is given as to the performance of the product tested. SATRA shall not be liable for any subsequent loss or damage incurred by the Customer as a result of information supplied in a test report.

## TEST SAMPLES

Unless otherwise agreed in advance, test samples will be disposed of 6 weeks after the date of the final report. If required, samples can be returned at the Customer's expense.

## 11. RESPONSIBILITY

Every effort is made to ensure accuracy in description, drawings and other information in correspondence, catalogues, etc but no warranty is given in this respect and SATRA shall not be liable for any error therein. SATRA carries out all tests and/or advises only on the basis that the same are carried out, made or given without any responsibility whether for negligence or otherwise. SATRA and its servants or agents will not be liable for any damage or loss direct or indirect of whatsoever kind, whether or not the same results directly or indirectly from negligence on the part of SATRA or its servants or agents.

# 12. CONFIDENTIALITY

Unless specifically excluded in the terms of an individual contract between SATRA and its Customer, the following shall apply to all reports, advice, drawings, photographs, specifications or data:

- The above shall not be disclosed to third parties or used in litigation without the consent of SATRA.
- ii. Where SATRA has given consent to disclosure, the Customer shall draw the attention of the third party to these terms of business and the basis on which SATRA undertakes test, reporting and advising. The Customer shall indemnify SATRA for any failure to do so.
- iii. The above items are submitted to the Customer as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.

## 13. CONSTRUCTION AND ARBITRATION

The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

Issue Date: 1st October 2009

Majestic Products B.V.

SATRA Reference: CHM0241442/1601/SMcD – Issue 4

Date: 27<sup>th</sup> May 2016 (Page 4 of 4)

Signed: