

WHAT IS A GMP CERTIFIED MANUFACTURER?

GMP stands for Good Manufacturing Practices. Similar to ISO, GMP is a quality system for ensuring that products are consistently produced and controlled according to quality standards. A GMP system, combined with validated intermediate and finished product testing ensure any risks with regard to product quality to the customer are at the minimum achievable level. GMP covers all aspects of production from the starting materials, premises and equipment to the training and personal hygiene of staff. Detailed, written procedures are essential for each process that could affect the quality of the finished product. There must be systems to provide documented proof that correct procedures are consistently followed at each step in the manufacturing process - every time a product is made. Full batch traceability from raw materials to customers is always maintained. The NOD GMP system is routinely audited to ensure compliance.

THE IMPORTANCE OF QUALITY AT NOD APIARY PRODUCTS:

Quality: Ensuring excellence in our products, manufacturing and customer relations.

Quality is recognized at NOD as an **ORGANIZATIONAL CORE VALUE.**

We strive to deliver the highest quality for our customers. From production to administration we are committed to bringing our customers guaranteed satisfaction.

WHERE TO PURCHASE?

Mite Away Quick Strips® and Formic Pro™ are sold through many distributors across Canada and the United States.

MAQS® Beehive Strips are sold across 17 European Countries.

For a full list of our distributors please visit our website:

www.NODGLOBAL.com



QUALITY CONTROL

Mite Away Quick Strips®
MAQS® Beehive Strips
Formic Pro™

CUSTOMER CONTACT SUPPORT

+1 866 483 2929
+1 613 398 8422
info@nodglobal.com

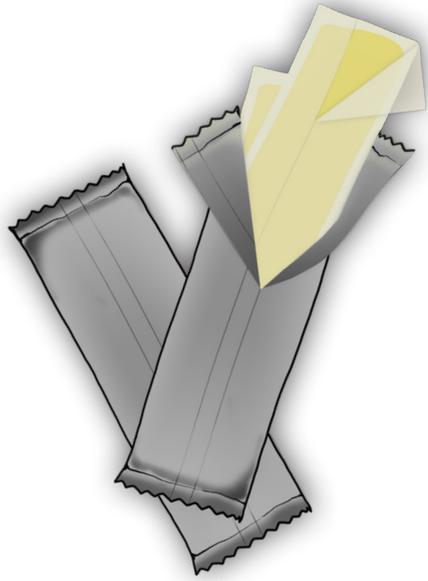
To learn more visit:
www.NODGLOBAL.com



Healthy Bees. Healthy Planet.



PRODUCTION PROCESS



MITE AWAY QUICK STRIPS & MAQS BEEHIVE STRIPS

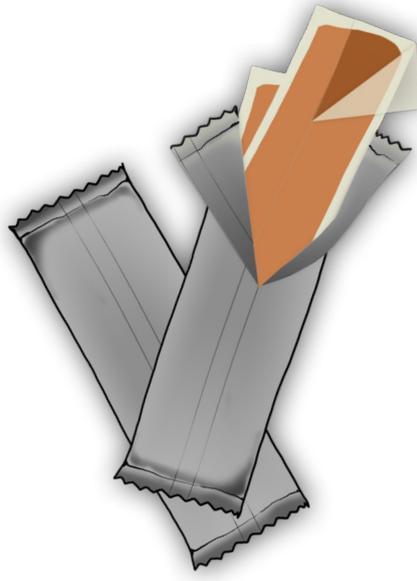
MAQS Production is completed in 3 phases: Formic Acid Mix, MAQS Gel & MAQS Strips.

Formic Acid Mix:

- Consists of Formic Acid & Saccharides.
- Mixed in a temperature controlled tank.
- Tested by QC Laboratory to ensure that it is suitable for further processing.

MAQS Gel & MAQS Strips:

- Are tested by validated analytical methods in our laboratory.
- Used to ensure the Formic Acid contents meet specifications.
- Each batch of MAQS Gel is tested in triplicates to ensure product integrity.
- All MAQS Gel is tested and approved prior to conversion into MAQS Strips.



FORMIC PRO

Formic Pro Production is completed in 3 phases: Formic Acid Mix, Formic Pro Gel & Formic Pro Strips.

Formic Acid Mix:

- Consists of Formic Acid & Saccharides.
- Mixed in a temperature controlled tank.
- Tested by QC Laboratory to ensure that it is suitable for further processing.

Formic Pro Gel & Formic Pro Strips:

- Share a similar validated analytical test method as MAQS.
- Used to ensure the Formic Acid contents meet specifications.
- Each batch of Formic Pro Gel is tested in triplicates to ensure product integrity.
- All Formic Pro Gel is tested and approved prior to conversion into Formic Pro Strips.

HOW DO OUR PRODUCTS MEET QUALITY REGULATIONS?

Every stage of production requires analytical testing, documented batch records, and approval of release documents. This includes, but not limited to:

All Raw Materials

- Production Manufacturing Process
- Batch Records
- Registration of products and Approval of Sale Records
- Q.P. approval for EU batches
- GMP certificate as per UK VMD (Veterinary Medicines Directorate) requirements

Formic Acid content on all batches is verified to meet the regulatory requirements of the destination country.

RAW MATERIALS:

All raw materials that make our products are all tested and approved by our laboratory. All raw materials are tested on site. Each raw material has its own individual identification test method. Raw materials are forbidden in the production area without "Approved" labels. Certificates of analysis are provided by the raw material supplier for each batch delivered. Once approved, a QC signed copy of the certificate of analysis is attached to the "Approval Raw Materials Board" in the production area.

THE IMPORTANCE OF BATCH RECORDS:

All of our production processes require batch records, per GMP requirement. The raw materials batch number and quantity used are recorded. Process operations are recorded by the operator at the time of completion. The Laboratory Technician adds the QC test results on each batch tested. The Production Manager, and Quality Assurance Manager review the batch records and sign-off for approval. For product bound for EU, these records are also reviewed by the Qualified Person (QP) prior to release for sale in EU.

QUALITY OF OUR PRODUCTS ARE DETERMINED BY THESE OTHER FACTORS:

The Quality Control Department at NOD monitors retained samples throughout and beyond the shelf life period to ensure no changes in product quality. This has been in place since 2012, as per GMP requirements.