



RANDOX

FOOD DIAGNOSTICS

Antibiotic Honey Screening

A User's Perspective



FRANCE



Patricia Beaune
Laboratory Manager

Famille Michaud

Yves Michaud, founder of the company in 1920 was passionate and inventive devoting himself entirely to beekeeping and honey production. Famille Michaud Apiculteurs, a family passion of three generations have always strived to improve methods of harvesting, selecting, collecting and distributing honey. It specialises in the production, jarring and commercialisation of high quality honeys and products of the hive. Selling over 15,000 tons of honey per annum Famille Michaud Apiculteurs are a market leader in Europe. Their laboratory was created in 1976 and their mission is to select the best honeys and products of the hive. To fulfil this mission, they must have not only extensive knowledge of the products of the hive, but also suitable analysis equipment.

“We have been working with Randox now for four years with one aim: to collaborate in order to improve the daily reliability of the methods. Fine support, results and good scientific understanding in the Randox team led us to purchase the Investigator in 2011 for the purpose of routine analysis.”



Fine support and good scientific understanding



Langese Honig GMBH & Co KG

In 1927 Karl Rolf Seyferth took over the V.E.H. Langnese Company which was established in 1888. Previously this enterprise had been a cookie factory however with Mr Seyferth's purchase of the company, against all expectations Langnese developed into a flourishing honey company after only two years. In 1998, a new company building with top of the range laboratory was built in Bargteheide in order to handle the sharp increase in sales. Langnese is known for its stringent quality control, having their own QC laboratory at their production facility in Bargteheide, Germany. Friederich Popp, the laboratory's Quality Assurance Manager and the laboratory staff are very pleased with the quality of results achieved while screening for a range of antimicrobials in honey, with minimal labour input.

"The Evidence Investigator takes up little space and requires no maintenance. This is an excellent multi-residue testing platform, which produces reliable and reproducible results quickly."



Dr Friedrich Popp
Quality Assurance
Laboratory Manager



An excellent multi-residue testing platform





Janusz Kasztelewicz

Owner

Sądecki Bartnik

Sadecki Bartnik, the fulfillment of a life's passion for Anna and Janusz Kasztelewicz, was established in 1973 in Stroze - beautifully located on the borderline of Beskid Sadecki, Beskid Niski and Pogorze Ciezkowickie. Today, its apiaries comprise over 1500 bee families from which a wide variety of honey products are produced. The brand prides itself on producing the highest quality products, offering full satisfaction to clients, and a policy that focuses on high market flexibility, integrated with an innovative approach towards investment planning. The laboratory carries out a wide range of tasks in relation to the testing of honey products, and provides reliable analysis that guarantees the highest of standards.

“Our main goal is to provide the highest satisfaction to our clients and to join the best in the beekeeping industry. To achieve it, we pay attention not only to the quality requirements of the products but also to the safety and hygiene standards. We employ an extensive management system that is regularly tested by the international controlling institutions.”

“

The extensive system provides full satisfaction

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Medas S.R.O.

MEDAS began in 1996 under the leadership of Ing.Pavel Blaščák. Continuing a rich family tradition of beekeeping provided the impetus to establish a selection of bee products and gradually developed into business activities involving production for other suppliers. MEDAS is currently one of the leading Slovakian producers and exporters of natural bee products. In 2011, they introduced a new product - honey with natural fruit flavours. The company is export-oriented, exporting over 80% of its business. Honey, before exporting, is tested for drug residues using the Evidence Investigator.

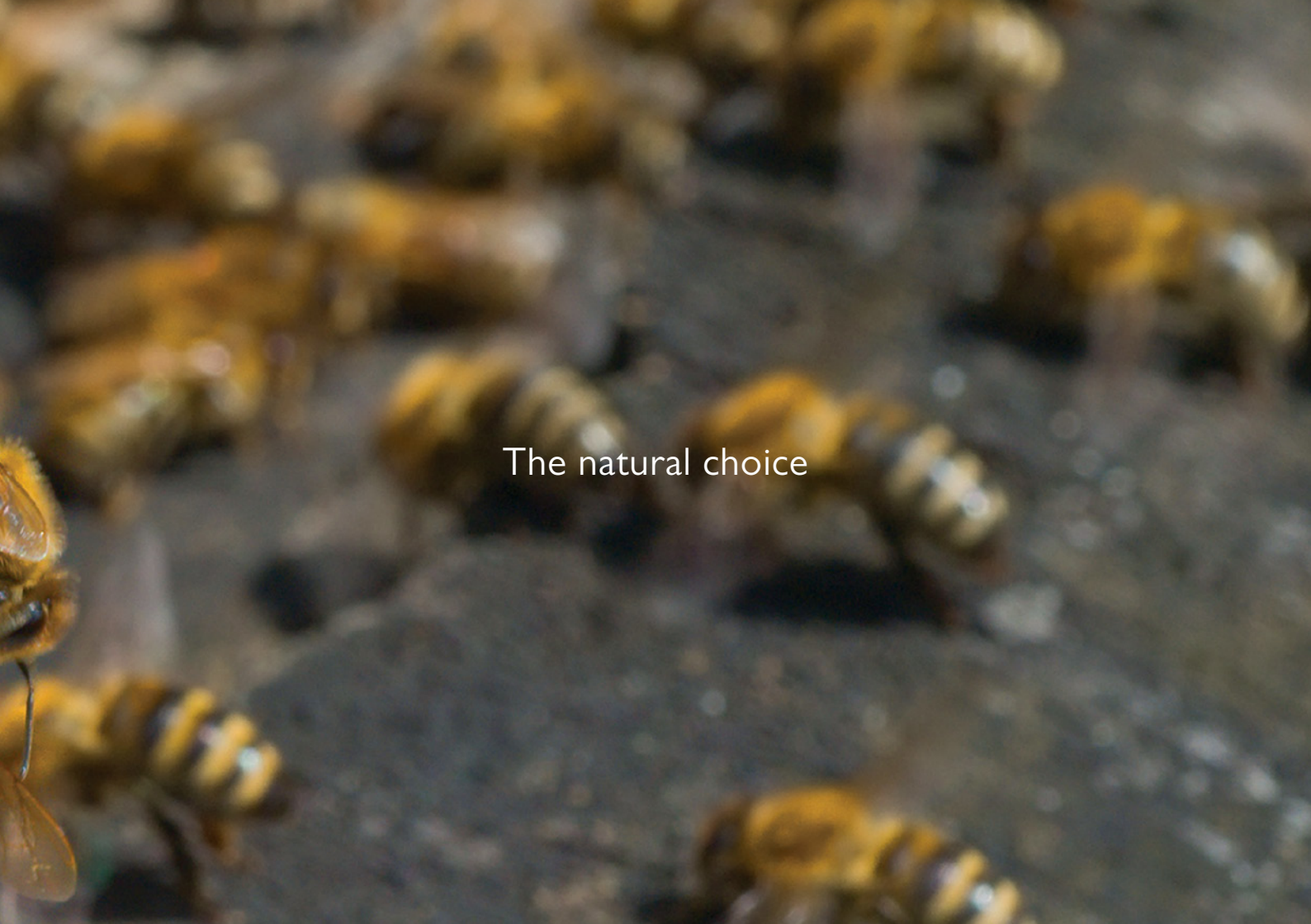
“Self-testing of antibiotics in honey provides us with greater flexibility and speed than testing in an external laboratory. For export, the accuracy of the results is critical; therefore technology we use must meet the highest quality standards. Randox provided us with a reliable solution of speed, ease of use, quality and reliability delivered in one package. The Personal and dedicated approach to our needs of the local sales manager adds to our cooperation integral value added.”



Abrányiová Barbora
Lab Technician

“ Randox provided a reliable quality standard solution ”





The natural choice



Angelina Chasovnikarova
Chief Lab Assistant

Grigard

Founded in 2003 by Vasilena Ilieva, Grigard Ltd is a Bulgarian company whose major priorities include the harnessing of new technologies and the maintaining of high quality control standards in honey production. A linchpin in the honey industry; Grigard not only produce honey, but also play a pivotal role in the antibiotic testing of other producers throughout the country thanks to the Evidence Investigator.

“Having Randox at our laboratory means that we’re obtaining great results in antibiotics availability detection. The semi-quantitative results are really effective, and achieved very fast. Our work ethic is reflected in the following maxim: “Knowledge is not acquired by chance. It is to be obsessed by flame and diligence.”

“

Results are really effective and fast

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Geomiel

Geomiel, an Argentinian Honey company founded by Mr. Gustavo Paredes, has a very good reputation worldwide due to the quality of the honey they sell to their large customer base, specifically in Europe, Japan, and the USA. Geomiel were first introduced to Biochip Array Technology in 2011, during the Apimondia conference in Buenos Aires. Following the recommendation and training provided by one of their main customers in Europe, Lune de Miel, they started to evaluate the possibility of purchasing the Evidence Investigator, they were soon encouraged by analysis timings, quantification, limits of detection (LODs) and diversity of metabolites detected. In 2012 Geomiel purchased the Evidence Investigator for antimicrobial testing covering main analytes including Sulphonamides, Tetracyclines, Streptomycin and Tylosin, the first company to do so in Argentina.

“The main benefit for us is the time we save performing the quality control, besides all other advantages given by this revolutionary method. When Mariclare McGarrity (*Randox Food Diagnostics Senior Scientist*) finished the onsite training in our laboratory, I told her: “*It’s magic!*” and she replied: “*Randox is not magic, it’s science!*”



Pablo Piorno
Quality Manager



Revolutionary quality control and more





Mr Kuldeep
Quality Control
Manager

Brij Health Care

One of the leading honey exporters in India with a honey processing unit in Rajasthan, Brij realised the need for a fast, reliable and accurate in-house testing system in order to meet important export deadlines.

“Since purchasing an Evidence Investigator from Randox Food Diagnostics we have been testing all our honey samples for drug and antibiotic residues. With satisfactory quantitative results correlating well with confirmatory results, we can now get large numbers of samples analysed in house, meaning faster decisions can be taken for the confirmatory analysis of samples. Combined with an excellent training programme for laboratory staff and post sales support we would recommend the Evidence Investigator as a reliable system for the screening and testing of antibiotics and pesticides in honey.”

“ An excellent training programme for laboratory staff ”

Balarisi

Balarisi specialises in floral products and offers niche varieties such as chestnut honey and pine honey, ranking within the top three processors in Turkey. In 2014, Balarisi purchased the Evidence Investigator to screen honey for antibiotics using Antimicrobial products AMs I, II, III, & IV.

“Compared to the other systems that we had used before for drug-residue analysis, we can easily prepare samples by using Evidence Investigator. We can get accurate results for many antibiotics with using one array and less chemicals. Spending less time for getting accurate results is the most important thing for us and the Randox Evidence Investigator gives us all what we need for our laboratory”



Nihal Eser

Quality Control
Manager

“ We can get accurate results for many antibiotics ”



Anele Bougart

Analyst

South African Department of Health

The South African Department of Health use the Evidence Investigator to screen honey imported into South Africa on behalf of Port Health Services. The ports are often the country's first line of defence against contaminated food.

"Before using Randox kits for honey analysis, we were using LCMS MS for sulphonamides, tetracyclines, macrolides, aminoglycosides and Chloramphenicol ELISA tests. These took a minimum of 9 working days. Randox now covers all the analytes that we analysed before in 3 working days. The kits are easy to use and offers decreased turn-around times for clients requiring results for honey quickly."

“ Kits are easy to use and decrease turn-around time ”

Capilano

Capilano Honey started as small family business with brother's and apiarist J.C. (Tim) Smith MBE and his brother H.A. (Bert) Smith, who began the business by packing and selling their Capilano brand of honey to grocery stores around Brisbane (QLD) Australia in 1953.

The humble business grew into a co-operative of Australian beekeepers, to a publicly-listed company that exports into over 33 countries world-wide, as well as being Australia's number one honey. Capilano Honey is now one of the largest honey packers in the world with a capacity to process and pack over 45,000 tonnes of honey per year.

"The system allows us to save money through consolidating tests on the one platform"



Rachael McCurdy

Quality Control
Manager



Saving money through consolidation



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