



### *High-performance*

## Benchtop NMR Spectrometers

The **authenticity of honey** is becoming an increasing problem, with a speculated 25% or higher sample set being mixed with lower cost syrups like corn or rice either during or after production. This has resulted in a decrease in the price of honey for farmers and producers. The use of benchtop NMR spectrometers could provide an easy and automated way for producers to ensure the authenticity of honey.

*Contact us for more information.*



— Award Winning —  
BEST NEW ANALYTICAL  
PRODUCT

# Honey

Identifying adulterants  
in honey samples



**60PRO**

(<sup>1</sup>H and <sup>13</sup>C)  
60 MHz



**60e**

(<sup>1</sup>H)  
60 MHz

## Why benchtop NMR spectrometers?

### Reduce operating expenditures

Eliminating the maintenance costs of cryogenics for high-field NM.

### Rapid results – < 1 min data collection

No required calibration standard and measurement times that are less than one-third of the time required with traditional chromatography methods.

### Simple sample preparation

Easy, repeatable, and operator independent, sample preparation that does not require making cumbersome dilution series.

### Automatable

With an autosampler and optional software, an easy-to-use interface that can be customized for data acquisition and processing by technicians.

# High-performance benchtop NMR spectrometers

- **High quality  $^1\text{H}$  NMR Spectra**
- **Easy-to-use**
- **Automatable** – processing and data analysis
- **Maintain data integrity** – accessible and secure data
- **Easy connectivity**
- **Low maintenance**

