ANY MATRIX
ANY INTERFERENCE
ANY PARTICLE SIZE

...And now any analyst in your lab can perform accurate analysis on food samples.

The global food supply chain is getting increasingly complex: We're now sourcing a large portion of our diet from other countries, and these countries may have regulatory requirements very different from our own. At the same time, the samples you analyze are becoming more complex as well: you need the ability to determine trace contaminants as well as nutritional components with equal ease. So the answer for labs like yours is an ICP-MS like this: The NexION® 2000 ICP-MS.

The system delivers enhanced matrix tolerance and low maintenance, which compresses workflows like never before. A dynamic range from ppq to percent levels and a choice of modes and gases make it possible to analyze the most difficult samples. And it comes preloaded with powerful methods that make it easy to set up and go.

NexION 2000 ICP-MS

Plus, the NexION 2000 ICP-MS offers:

• The Quadrupole Ion Deflector, which never needs cleaning, for exceptional

   uptime and productivity

• The Extended Dynamic Range feature, providing the ability to measure toxic and nutritional elements in the same run

• The lowest-maintenance ICP-MS on the market

• A fit-for-purpose All Matrix Solution (AMS) sample introduction module

• Easy-to-learn, easy-to-use Syngistix™ software, a cross-platform solution for easy transition from technique to technique

The NexION 2000 ICP-MS: Effortless versatility and peace of mind.

JCANO
INGENIERÍA DE MÉXICO ®
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PerkinElmer®
For the Better

The NexION 2000: The robust, flexible food testing platform

With the NexION 2000 system, you benefit from a whole range of technologies that combine to deliver power and versatility, no matter what your food-testing challenge.

Matrix tolerance to give you more information quickly

The **All Matrix Solution** (AMS) sample introduction system enables you to run samples with up to 35% dissolved solids without manual dilution. This intelligent dilution of your entire sample gives you the flexibility to handle high dissolved solids while still measuring high- and low-level elements simultaneously, in a single run.

At the same time, our solid-state free-running RF Plasma Generator with new, revolutionary **LumiCoil™** technology improves matrix tolerance, handling the toughest matrices and solvents.

Easy to use, easy to maintain

The NexION 2000 ICP-MS can adapt to the needs of any food- testing workflow. Its **Quadrupole Ion Deflector** (QID) entirely removes unionized material, making this system the only ICP-MS on the market that's cell never needs to be cleaned or replaced. And that means more productivity for your lab.

What's more, the **Extended Dynamic Range** feature enables you to attenuate the signal of specific masses selectively, so you can measure elements with low and high concentrations in the same sample, in the same run, boosting your lab's productivity.

And our **Syngistix** software provides an intuitive interface that mirrors your workflow, with left-to-right, icon-based navigation that guides you through your analysis, simplifying it for you as you go – from method development to data reporting. And it features preloaded food-testing methods for some applications. Best of all, it's a cross-platform solution that eases the transition from technique to technique.

Learn more at www.perkinelmer.com/NexION2000

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