

COME celebrate with us the 2019 NSTW!

17-21 July 2019, Wednesday-Sunday

World Trade Center, Pasay City

Theme: "Science for the People: Enabling Technologies for Sustainable Development"

Ensuring food safety with exact chemical, biological measurements

Food is among the most basic necessities for survival. We need proper nourishment to have energy to do our daily tasks. Thus, we definitely need to ensure safety of our food against contaminations or faulty formulations.

This is where the Industrial Technology Development Institute (DOST-TDI) comes

in with its Reference Materials (RMs) on chemical and biological measurements.



Developed by the project teams of Metrology in Chemistry (MiC) and Metrology in Biology (MiB), RMs are essential to achieve quality, accurate, and reliable measurements that are traceable to the International System of Units (SI) of measurement. Using these locally-developed RMs eliminate the need for biological and chemical testing laboratories to use imported and more expensive RMs in their analyses particularly on food safety.

The RMs developed include: benzoic acid in banana ketchup; benzoic acid standard; histamine standard, sulfite in dried mango; and trace materials (lead, cadmium, copper, iron) in drinking water.

Reference Materials is one of 21 ITDI-developed technologies selected to be featured in Cluster 2 - Aging Society, Health, and Medical Care of the 2019 National

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S&T Week (NSTW) Exhibits slated on July 17-21, 2019 at the World Trade Center-Metro Manila. Admission to the exhibits is FREE. It is open to the public from 8:00 AM to 5:00 PM.

NSTW is celebrated every third week of July through Proclamation No. 169 of 1993 to highlight significant contributions of S&T to national development. (RRUdela Cruz \ ITDI S&T Media Services)

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