



NEWS LETTER

Company Overview

Consolidated Laboratory (M) Sdn Bhd is a full service analytical laboratory, offering a wide range of testing services in the areas of the environment, microbiology, food chemistry, palm oil, pesticides, chemical solvent and pharmaceutical products. Our laboratory is run by a team of qualified chemists and well experienced supporting staff, so as to ensure that the client's needs are met with complete satisfaction. We have often carried out quality assurance programs so as to achieve an analytical precision and accuracy and at the same time to help us to meet the requirements by the Department of Standard Malaysia (DSM) over a wide range of tests. Since its incorporation in 1977, Consolidated Laboratory has grown to become one of the well established private laboratories.

In line with our expansion program, Consolidated Laboratory has teamed up with Cantest Ltd., our overseas joint venture partner based in Canada. Cantest Ltd. is a full service analytical laboratory offering a myriad of testing including environment, industrial, clinical and veterinary fields and employs ICP/OES, GC/MS, LC/MS and ICP/MS. As such, Consolidated Laboratory is capable of providing laboratory services in geographical areas in Malaysia, Asia Pacific and throughout North America.



Services

- Analysis of Nutritional Labeling.
- Analysis of Antibiotics, Preservatives, Heavy Metals & Bacteriological in Meat and Seafood Product
- Analysis of Heavy Metals, Steroids in Herbal and Traditional Preparation and Health Care Products
- Halal Analysis for Certification of Food Products and Cosmetic & Toiletries products
- Pesticide & Herbicide Residue Analysis in Vegetables and Fruits
- Analysis of Minerals, Preservatives, Colouring and Artificial Sweetener in Food and Beverages.
- Benzopyrene determination in Fried and Barbecued Food.

Methodology

All testing are performed by Approved Methods of recognized sources includes:

- American Public Health Association (APHA)
- Association of Official Analytical Chemist (AOAC)
- American Society for Testing and Materials (ASTM)
- American Oil Chemists Society (AOCS)
- American Association of Cereal Chemists (AACC)

Accreditation

Consolidated Laboratory is accredited under ISO/IEC 17025 by the Department of Standards Malaysia (DSM) for the analyses of all types of Food, Water, Palm Oil etc.

For more information, please enquire by contacting our personnel for assistance:

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BREAKING NEWS!!!

Government mulls over fast-food ad ban (reported by the Star).The Health Ministry is “seriously considering” a ban on fast food advertisement.

We have years of experiences in Nutrition and Claim on Fast Food. We are here to assist you.



GENETICS MODIFIED ORGANISMS (GMO)

The term GM foods or GMOs (genetically-modified organisms) is most commonly used to refer to crop plants created for human or animal consumption using the latest molecular biology techniques. These plants have been modified in the laboratory to enhance desired traits such as increased resistance to herbicides or improved nutritional content. The enhancement of desired traits has traditionally been undertaken through breeding, but conventional plant breeding methods can be very time consuming and are often not very accurate.

While there are very, very few genetically-modified whole fruits and vegetables available on produce stands, highly processed foods, such as vegetable oils or breakfast cereals, most likely contain some tiny percentage of genetically-modified ingredients because the raw ingredients have been pooled into one processing stream from many different sources.

Ensuring an adequate food supply for this booming population is going to be a major challenge in the years to come. GM foods promise to meet this need in a number of ways:

(GM foods) have made a big splash in the news lately. European environmental organizations and public interest groups have been actively protesting against GM foods for months, and recent controversial studies about the effects of genetically-modified corn pollen on monarch butterfly caterpillars have brought the issue of genetic engineering to the forefront of the public consciousness in the U.S. In response to the upswelling of public concern, the U.S. Food and Drug Administration (FDA) held three open meetings to solicit public opinions and begin the process of establishing a new regulatory procedure for government approval of GM food.

Hence, labeling of GM foods and food products is also a contentious issue. On the whole, agribusiness industries believe that labeling should be voluntary and influenced by the demands of the free market. The FDA's current position on food labeling is governed by the Food, Drug and Cosmetic Act which is only concerned with food additives, not whole foods or food products that are considered "GRAS" - generally recognized as safe. The FDA contends that GM foods are substantially equivalent to non-GM foods, and therefore not subject to more stringent labeling.

GMOs scientifically assessed in the EU Commission to be safe. Under current legislation, there is no tolerance threshold for the adventitious presence of GM material in food or feed which has not been authorised. The Commission had proposed a 1% threshold for the adventitious or technically unavoidable presence of such GM material, provided that the GM material has received a favourable EU scientific risk assessment and that the operator can demonstrate that its presence was technically unavoidable. Above this threshold the product will not be allowed on the market.

Beneficial of GM food

Pest resistance Crop	Losses from insect pests can be staggering, resulting in devastating financial loss for farmers and starvation.
Herbicide tolerance	Crop plants genetically-engineered to be resistant to one very powerful herbicide could help prevent environmental damage by reducing the amount of herbicides needed.
Disease resistance	There are many viruses, fungi and bacteria that cause plant diseases. Plant biologists are working to create plants with genetically-engineered resistance to these diseases.
Cold tolerance	Unexpected frost can destroy sensitive seedlings. An antifreeze gene from cold water fish has been introduced into plants such as tobacco and potato.
Drought tolerance/salinity tolerance	Creating plants that can withstand long periods of drought or high salt content in soil and groundwater will help people to grow crops in formerly inhospitable places.
Nutrition Malnutrition	Common in third world countries where impoverished peoples rely on a single crop such as rice for the main staple of their diet
Pharmaceuticals Medicines and vaccines	Often are costly to produce and sometimes require special storage conditions not readily available in third world countries. These vaccines will be much easier to ship, store and administer than traditional injectable vaccines.

With the above state-of-the-art modern technologies and more importantly the highly qualified and experience laboratory analysts and supporting staff, we in Consolab could offer you the above testing solution. For enquiries kindly contact us.

Your One Stop Testing Solution