



ciSS

**Commodities
International
Survey Services**

LABORATORY CISS GROUP

It is a lead qualified laboratory which provides services for basic physical and chemical testing of agricultural products: grains, oilseeds, vegetable oils, pulses, etc. and GMO analyses by PCR method in real time.

LABORATORY CISS GROUP is **GAFTA** and ISO 9001 approved. Twice a year we successfully passing GAFTA ring test which proves the accuracy of measurements and the professionalism of employees.

Due to huge experience of main staff, modern equipment, **LABORATORY CISS GROUP** provides all testing results in soonest terms with guarantee of accuracy and reliability

Close cooperation with our customers, in many cases over the course of decades, means that we are familiar with their needs, and we include this knowledge in the development and continuous improvement of our analysis systems.

Our laboratory has the most modern equipment, which is upgrading as soon as market provides new model with highest accuracy.



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SOME OF THEM:

- Muffle furnaces LE 6/11/B150
- Drying cabinet SLW 53
- Analytical Scales OHAUS PX 224
- Scales precision OHAUS PX 523
- Automatic Titrator, TitroLine 7000, SI Analytics
- Colorimeter visual model F (BS684)
- Device to determine flash point in closed crucible



- Spectrophotometr
- Glass pycnometer,
- LLG Magnetic Mixer RCT standard safety control
- Water Treatment System Hydrolab TECHNICAL 10 / A
- Digital Abbe AR2008 Refractometer
- SCION gas chromatograph

GMO DETERMINATION

As the amount of commercially available genetically modified organisms (GMOs) grows recent years, the diversity of target sequences for molecular detection techniques are eagerly needed. Considered as the gold standard for GMO analysis, the real-time PCR technology was optimized to produce a high-throughput GMO screening method.

Our lab provides determination of main Genes and events:

- CaMV 35S promotor
- FMV 35S gene
- NOS terminator
- NPTII gene
- EPSPS modification
- PAT(SYN) gene



CISS GROUP

CISS GROUP has as a huge chemical lab for providing arbitration analyses, as an EXPRESS LABORATORY department for providing services “in field”: during incoming control - at terminals, during vessel loading operation on roads - on vessel board, during stock monitoring inspection - at silos, elevators, during crop monitoring – in field, etc.

It is very useful and convenient for Clients to get quality results during loading/discharging operation so in any inconsistency of cargo quality they have opportunity to protect themselves from non-fulfillment of the contract

Proving express-analyses on board you will be sure that cargo will be delivered in sound, good and merchantable condition.



For these express-analyses we are using:

- Different sieves
- Express moisture tester
- Radiation charge meter





BILE EXPRESS GRAIN LABORATORY

It used for quick departure directly to the fields - for sampling of soil or for control of the period of vegetation of plants.

Car also used for trips to internal inland silos and ports for express analyzes of the quality of grain cargoes.

INCOMING CONTROL AT TERMINAL

Incoming quality control is the process used to validate the quality of a supplied lot of parts or components. The outcome of this process is simply to determine if the lot is “compliant” or not? If yes, accept the lot, and if no, return it to the supplier

For incoming control, we use express-analyses equipment: infrared determinator

Excellent structure and quality during the production of infrared guarantees obtaining the most reliable and accurate results.

The main field of application is the enterprises whose main activity involves grain receiving, processing and storing. Also, this device is used at cereal reception points, mills and many other branches of the agricultural sector.

The introduction of the latest technologies in the development of this device gives the opportunity to achieve a complete automation of the analysis process. All the operator needs to do is to fill the sample in the loading hopper of the device, and after a few seconds, the operator obtains a printed receipt with the exact percentage of impurities in the sample.



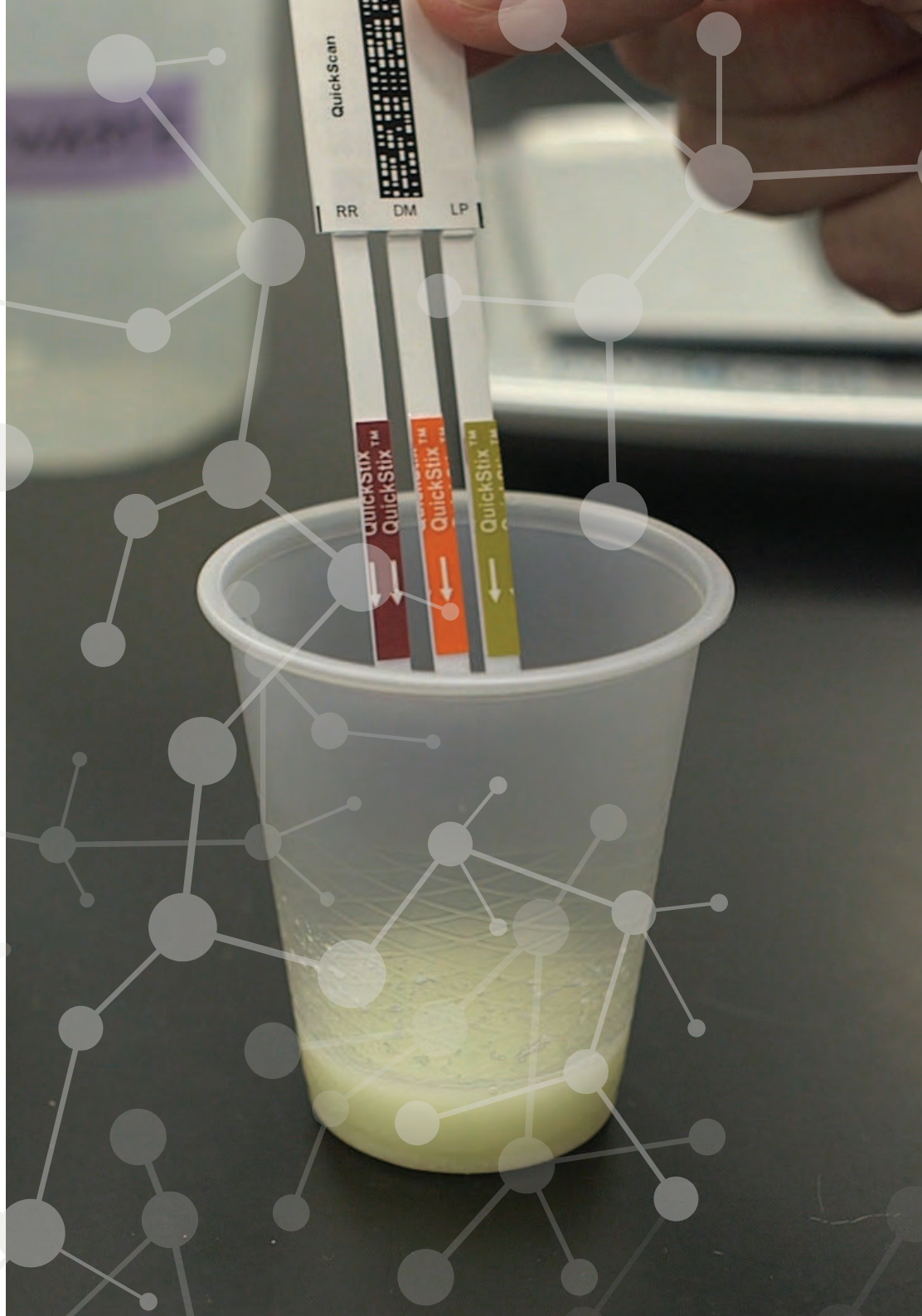
For quality and quantity GMO determination we use QuickScan. QuickScan is a highly flexible and precise strip-reading system that enables grain customers to read GMO and mycotoxin test strips in one quantification and traceability system. It provides objective, fast and quantifiable results for mycotoxin and GMO test kits from EnviroLogix.

Speed - Read rapid test strips, and record results, in seconds

Flexibility - Process single strips, up to four different mycotoxin strips, or an entire GMO multi-trait "comb"

Precision - Image processing and a unique barcoding system ensure accurate, consistent results, without the need for recalibration

Traceability - Access electronic results instantly for emailing, printing or analysis.



For analyses which could not be provided by own lab, we use accredited, international laboratories with huge experience and reliance.

We have very close relations with such laboratories as TLR, Dr. Verwey, Eurofins, SGS, NofaLab and others, it helps us to provide our Clients best rates and soonest testing results.



Food & Feed Testing





One is our trusted partner - group of companies CCIC. They are especially strong at Asia region

CCIC Jakarta Food Laboratory was established in 2014 to cater to the growing demands for analysis of palm peripherals originating from Malaysia and Indonesia. The lab is FOSFA accredited and can perform the full spectrum analysis of palm peripherals in accordance with the Chinese Guo Biao (GB) standards





**OUR OTHER STRONG
PARTNER - PT. INDOPAC
CONTROL SERVICES (part of
EUROPAC), WHICH
PROVIDES INDEPENDENT
LABORATORY SERVICES.
THEIR MAIN ADVANTAGES:**

- FOSFA accredited
- SNI ISO/IEC 17025 :2008 accredited by KAN
- Fully Equipped Laboratory for Palm Oil Products





CISS GROUP constantly improves the methods of analysis and expands the list of testing provided to meet client's requirements and control the safety of Agri commodities

As Quality has become one of the major competitive factors in business today, affecting both productivity and costs due to this we want to pat attention that timely research in a proven and accredited laboratory will provide you with confidence in the quality of your products and protect you from non-fulfillment of the contract

ACCREDITATIONS



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