Nuts & Dried Fruits

Industry-specific analytics and competent advice
The Challenge

- **Consumer Expectations**
  The demand on food safety and quality is constantly increasing. Credibility of retailers has a high impact on the purchase decision of the sensitised customer and therefore has a decisive influence on sales. Agricultural products, such as nuts and dried fruits, may contain a wide variety of pesticides and contaminants. Sampling, quality assessment, sensory analysis and classification into quality levels require extensive experience and knowledge of commodities.

- **Legislative Requirements for Nuts & Dried Fruits**
  Nuts and dried fruits are produced and processed in different countries. The quality can be affected by moisture, pest infestation, foreign odours or heavy metals throughout the entire supply chain. Furthermore, additives could have been added. European and German limit regulations, e.g. for mycotoxins, pesticides and SO₂, require regular checks, including goods from non-EU countries.

- **Quality Standards along the Global Supply Chain**
  Farmers, buyers, logisticians, retailers and quality managers bear a high responsibility. Quality must be ensured throughout the entire process – from the raw material in the country of origin to the on-site product approval. In order to meet new challenges at all times, a competent consulting partner, who is aware of the requirements in the area of nuts and dried fruits and understands the contexts and framework conditions, is essential.

The Eurofins Solution

- Industry Experts
- Analytics
- Additional Services

**Comprehensive solutions** that are individually tailored to your company

- Personal support by industry experts
- Reliable results on time
- Fulfilment of all legal requirements
Industry-specific Analytics
As a leading provider of laboratory services, Eurofins offers individual consultation and the complete range of analyses, including a unique range of laboratory parameters. Based on this, Eurofins develops tailor-made and customised solutions involving the latest technology and methods.

- Selection of suitable and current analysis methods
- Reliability through the use of most modern technology
- Permanent research and method development
- Specialised analytics for industry-specific products

On-Site Sampling and Additional Services
To ensure the overall quality, Eurofins also offers numerous additional services that go beyond the analytical spectrum. The global presence of Eurofins enables supply chain control such as on-site sampling, loading checks and food safety inspections in all important import and export markets. This service is also available at the central trading centres in Germany, Belgium, the Netherlands, Turkey and along the Black Sea coast.

- Global supply chain control, sampling and sample logistics
- Conceptual on-site solutions as well as certifications and audits
- Risk and crisis management, monitoring programs
- Safe and efficient business processes
Analytical Scope of Nuts & Dried Fruits

General Analysis
- Ash, protein, fat, moisture
- Nutritional values

Residues & Contaminants
- Mycotoxins
- Pesticides, fumigants
- Dioxins, furans and polychlorinated biphenyls (PCB)
- Polycyclic aromatic hydrocarbons (PAH)
- Aromatic hydrocarbons (BTEX)
- Solvent residues
- Heavy metals (e.g. cadmium, lead, mercury, arsenic)

Microbiology
- Total plate count
- Salmonella
- Bacillus cereus
- Coliform bacteria, enterobacteriaceae, E. coli, EHEC
- Moulds and yeasts
- Spores of sulphite-reducing clostridia

Special Analyses
- Sulphurous acid and other preservatives
- Detection of irradiation
- Measurement of radioactivity
- Fat indicators
- Hydrocyanic acid

Additional Services

Special Queries
- Impurities, pest infestations
- Weight and size regulations
- Crack result
- Optical examination according to UNECE and USDA Standards

Sensory Analysis
- Descriptive test
- Difference test
- Expert witness of conformity with food law

Sampling
- In accordance with regulations of the European Union/ international standards/customer requirements
- Supply chain control worldwide
- International sampling and sample logistic

Food Packaging Analysis
- Packaging analysis in cardboard, plastic and other materials
- Total migration
- Certificate of conformity

Food Regulatory Assessment
- Marketability
- National and international labelling checks

Further Expertise

Baby food
Grain & cereals
Baked goods
Beverages
Milk & milk products
Dietary supplements
Wellness food
Herbs & tea
Cocoa & chocolate
Fruits & vegetables
Confectionery
Spices
Oils & fats
Expertise in Nuts & Dried Fruits

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We will gladly advise you.

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