

Frazer Keith Elliott Imrie
Director



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Qualifications

BSc (1st Class Honours) Botany, Zoology, Chemistry
Fellow Institute of Biology
Chartered Biologist
Fellow Institute of Food Technology
Cert. Post-Harvest Pest Control, University of California

Affiliations

Fellow Institute of Directors
Chairman & Director, Society of Expert Witnesses
Accredited Member of Following Consultants' panels:
UK Register of Expert Witnesses
Law Society
Institute of Food Science & Technology
Institute of Biology

Date of Birth

4 December, 1932

Nationality

British

Current Position at CWA

Frazer Imrie is a private consultant specialising in forensic aspects of damage to food. He works through his company, Imrie Consulting Ltd.

Frazer Imrie is a Director of CWA Consultants International Ltd., where he is Head of the Food Department, providing a comprehensive service in the investigation of incidents, claims assessment and expert advice for litigation and loss prevention. He has an international reputation in food technology with particular reference to temperature-controlled storage and transport of food and in the bulk handling and shipment of dry commodities like cereals and oilseeds.

He has more than 25 years of experience in the UK food industry where he reached a position at senior board level in a major international food company. For the past 20 years he has been a food consultant.

Frazer is an expert in forensic biology and specialises in preparing technical cases for litigation. He lectures regularly to law firms and insurance companies around the world on food cargoes. He has also worked extensively for various international agencies such as FAO, WHO and UNESCO. He is the author of some 30 research papers and chapters in three books. A detailed list of these is available on request. Frazer is currently a member of several UK consumer evaluation panels.

Specific Expertise and Experience at CWA

This is not intended to be an exhaustive list; its purpose is to illustrate the broad scope of Mr Imrie's expertise and experience.

- Bulk & Bagged Commodities
Technical and Market investigation of damage to: wheat, rice, maize, barley, soya beans, oilseeds residues, raw & refined sugar
- Refrigerated Produce
Technical and Market investigation of damage to: bananas, pineapples, citrus, apples, pears, kiwi fruit, onions, garlic, potatoes, iceberg lettuce
- Frozen Food
Technical and Market investigation of damage to: fish, meat, poultry, prawns, squid, ice cream
- Animal Feed
Investigation of damage to bulk animal feed ingredients: feed beans, molasses, alfalfa pellets, urea/molasses pellets, soybean derivatives pellets
- Market Evaluation
Evaluation of the structure of the market, pricing (both national and international) and general market aspects of the following:
 - international banana markets
 - the EU market for garlic
 - the structure and costs of the UK market for Egyptian potatoes
 - the value of New Zealand apples in Europe
 - numerous investigations into the pricing structure of markets for rice, wheat, sugar and animal feeds in various parts of the world
 - supermarket attitudes to frozen burgers in relation to packing and presentation

- Environmental Impact
Studies on the effects of pollutants on food shipments
The impact of power station pollutants on commercial field crops

Summary of Previous Employment

1982 to date **Food Consultant**

During his industrial career Frazer worked for some time on the evaluation of products for animal feed production. Initially, this was on maize-based ingredients, but later included materials like rice, barley, wheat and waste agricultural products like citrus waste, sugar cane bagasse and molasses.

For the last 22 years, Frazer has been a food consultant. His experience in this role has also been very broadly based. During his career, Frazer has lived and worked in a number of overseas countries, notably South Africa, Nigeria, Thailand and Hong Kong.

1968-1982 **Tate & Lyle Plc**

Divisional Managing Director, New Ventures
Responsible for the commercial development of new ventures arising from internal research or from investment. As such, had profit responsibility for ventures in meat technology, sugar chemicals, and fruit & vegetables post-harvest treatment (a joint venture with a major international fruit company).

Marketing Director, Talres Development Ltd
Responsible for the marketing of food chemicals

Group Development Manager
Responsible for the commercial development of new products and processes related to foods.

Head of Microbiology Dept., Central Research Laboratories
Headed research programmes to discover new uses for sugar involving biological transformations. Group quality control of products and processes.

1959-1968 **Manbre & Garton Ltd**

Group Director of Research
Responsible for the research programme of a small sugar and starch group

Chief Quality Control Manager
Responsible for all quality control and technical service for four factories within the group. One factory produced starch from bulk grain, a second made starch derivatives,

the other two were sugar refineries. Thus, gained familiarity with the bulk handling of many different types of grain including rice, wheat and barley as well as maize.

Chief Chemist

Responsible for all quality control at a sugar refinery. Also responsible for customer liaison alongside sales personnel.

1955-1959

Chemist

Worked for Public Analysts for Watford & St Albans. Responsible for analysis of many different kinds of foods.

