



presented by Jamie Weall

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- Who are Exova?
- What is Valid-IT?
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Exova operates in the following industries:

Health Sciences

Environmental

Pharmaceuticals

Energy/Fire

General Engineering

Aerospace & Automotive

Oil & Gas

History of Exova Health Sciences

- Formerly Lawlabs set up in 1987
- ‘One Stop Shop’ – Legal & Analytical support to the industry
- Bought by Bodycote in 2004 (moving into food)
- Bodycote Materials Testing sold to CD&R in 2008
- Re-named Exova in June 2009.

Health Sciences

Auditing and Compliance

BRC Certified Courses

Labelling and Product Specifications

Customised Bespoke Courses

Food Law Consultancy

Food Law Courses

Laboratory Accreditation LabCred

Food Safety Courses

Microbiological Analysis

Internal Auditor

Nutrition Analysis

HACCP Training

Pesticide and Residues Analysis

Food Information Regulations

Why did Valid-IT start?

GM crops to hit wildlife, says advisory body

14-Jan-2004

GM blunder contaminates Britain with mutant crops

by SEAN POULTER, Daily Mail

Large areas of the British countryside have been contaminated by illegal 'Frankenstein' crops, it emerged yesterday.

Trials of GM crops bring new fears of 'Frankenstein' food

Daily Mail CAMPAIGN
FRANKENSTEIN
FOOD WATCH

Investors shun GM-food restaurants

By DAILY MAIL REPORTER
UPDATED: 00:00, 16 June 1999

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Sudan I



- Costs to UK industry – estimated to be between £100-200m
- 1395 items of media coverage in 2-3 weeks

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- Illegal dye
- Not intended for food use
- Added to enhance value

**CANCER PERIL IN
359 TOP FOODS**

No safe
level for
dangerous
dye in any
foodstuff

By Sam Lister
Health Correspondent

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What is Valid-IT?

Waitrose

- Operated since 2004
- Operates on behalf of

TESCO
Every little helps

Live Well For Less
Sainsbury's

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What is Valid-IT?

- **Programme for the assessment of suppliers for certain controlled ingredients**
- **Risk assessed approach**
- **Annual renewal process**

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What is Valid-IT?

- **Internet enabled database managed by experienced Exova Team**
- **Searchable list of suppliers and ingredients**
- **Password controlled**

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Controlled Ingredients

- **Non GM – Soya and Maize and their derivatives including Non EU Rapeseed Oil**
- **To date there are**
- **179 Suppliers**
- **525 Ingredients**



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CONTROLLED	CONTROLLED	CONTROLLED	NOT CONTROLLED
Maize	Soya	Compounds	Alternatives
Caramel (derived from glucose syrup)	Hydrolysed Vegetable Protein	Aspartame	Ascorbic Acid (Sodium Ascorbate)
Corn Oil (Maize oil)	Soya Isoflavones	Ascorbic Acid (Sodium Ascorbate)	Citric Acid (Sodium Citrate)
Corn Syrup	Soya Flour	Hydrolysed vegetable protein	Coconut Oil
Corn Syrup Solids	Soya Milk	Maltodextrins	Dextrose (not from Maize)
Dextrose, Fructose (from Maize)	Soya Curd, Tofu, Bean Curds	Monosodium Glutamate	Maltodextrins (from wheat etc)
Glucose syrup (Corn syrup)	Soya Grits	Sauces from Soya	Palm Kernel
Glycerides (from Maize)	Glycerides (from Soya)	Xanthan Gum	Palm Oil
Maize Flour	Soya Protein Isolate/Concentrates		Potato starch
Maize gluten	Soya Lecithin		Sunflower Oil
Maize Grits	Soya Isoflavins		Wheat starch
Maize Starch	Soya Oil		Wheat Gluten
Maltodextrins	Textured Vegetable Protein (including soya protein)		
Masa Flour	Soya beans		
Modified Maize Starch	Soya Meal		
Polenta			
Polyols		ALSO CONTROLLED	
Sweetcorn		Rapeseed Oil (Non EU only)	

Risk Assessment

- Does the territory where the ingredient is grown lawfully permit the growing or processing of GM of that crop?
- EU or Non EU – in particular US, Canada, Brazil, China?
- IP certification?
- Other accreditations
- Test results. Traceability example.
- GM and Non GM on same site?



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Risk Assessment – Process

- Seeds
- Harvesting
- Storage – farm, processing, rest of supply chain – segregation?
- Transportation at all stages – segregation, cleaning etc
- Risk of cross contamination at all stages
- Testing conducted at all stages



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New at risk ingredients

- **Rice from China**
- **Rice products from China or Hong Kong**
- **Basmati Rice**



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Controlled Ingredients - Spices

Capsicums (Paprika, Chilli, Cayenne pepper)



Turmeric

Compound ingredients which include these spices such as blends, flavourings, bouillons, sauces and pastes.

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Uncontrolled Ingredients - Spices

- **The following ingredients are excluded:**
- Extracts of these spices, including Colours & Oleoresins.
- Dried/Dried and Chopped Spices where the product does not contain the element.
- Fresh Spices



Controlled Ingredients - Spices

- To date there are
- 110 Suppliers
- 368 Approved Ingredients



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Controlled Ingredients - Spices

Main areas concentrated on:-

- Certification of site
- Traceability
- Testing
- Millers/Grinders



Controlled Ingredients – Spices

Legislative Requirements

- Commission Decision 2005/402/EC of 23 May 2005 which required all consignments to be accompanied by analytical certificates has been revoked.
- Controls on the import of chilli, chilli products, curcuma and palm oil fall under Regulation (EC) 669/2009 (as amended).

Controlled Ingredients – Spices

Legislative Requirements

- This Regulation stipulates that 20% of all imports must be tested at designated point of entry for Sudan Dyes.

Relevance today



rel-e-vance *n.*

1. Pertinence to the matter at hand.
Relevance is a term used to describe how pertinent, connected, or applicable some information is to a given manner.

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GM in the Media

On sale in Tesco, GM cereal that makes children hyperactive: U.S. import of Lucky Charms contain artificial colours that UK watchdog urges manufacturers to avoid

American 'Frankenstein food' company pulls plug on plans to put GM crops on British dinner tables because there is no appetite for the produce

GM super-pigs and the new threat to our food: How genetically modified produce is becoming a disturbing reality in our lives

By DR HELEN WALLACE, DIRECTOR OF GENEWATCH UK

PUBLISHED: 05:16, 17 April 2013 | UPDATED: 09:32, 17 April 2013

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GM in the Media

Study linking GM maize to cancer must be taken seriously by regulators

Trial suggesting a GM maize strain causes cancer has attracted a torrent of abuse, but it cannot be swept under the carpet



One of the rats fed GM maize NK603 for two years. The animal has developed an abdominal cancer tumour. Photograph: Tous des cobayes/J+B Sequences

How China and US 'secretly tested genetically modified golden rice on children'

By DAILY MAIL REPORTER

PUBLISHED: 13:13, 11 September 2012 | UPDATED: 08:03, 12 September 2012

[Comments \(19\)](#) [Share](#)

China's health authorities are investigating allegations that genetically modified rice has been tested on Chinese children as part of a research project.

A recent scientific publication suggested that researchers, backed by the US Department of Agriculture, fed experimental genetically engineered golden rice to 24 children in China aged between six and eight years old.

The environmental group Greenpeace is demanding a stop to field trials of the genetically enriched rice, which has been



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Relevance

Rapid Alert System for Food and Feed (RASFF)

01/01/2012 – 04/10/2013

Unauthorised GMOs entering EU

Rice – 66

(Mainly rice from China but also Basmati Rice from
Pakistan)

Papaya - 36

Popcorn – (Maize) 4

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Relevance

Rapid Alert System for Food and Feed
(RASFF)

01/01/2012 – 04/10/2013

Products containing

Unauthorised Sudan Dyes - 10



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The Future of Valid-IT

- GM + Dyes
- Rice and Rice products from China
- Basmati Rice
- Papaya?



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The Future of Valid-IT

- New and improved website
- Smartphone App?
- Fully interactive website
- New retailers
- Certificates
- Testing



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Valid IT in Summary

- **Experienced team with knowledge of the existing supply base**
- **Still relevant**
- **On going development and bespoke options to extend the scope of the scheme**
- **Trusted, Impartial, Independent**

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- Thank you – any questions??
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