



Genetically Modified Foods (GM) Proficiency Testing

Nearly 35 years after the first product trials, GM foods remain a topic of much discussion. Some territories embrace the technology widely, some restrict the use and cultivation of GM crops and others continue to ban their use in agriculture.

In some quarters, GM foods are seen as the way to feed the ever-expanding world population or a means to increase the efficiency (and reduce the environmental impact) of farming. In other countries, cultivation of GM crops is strictly controlled, or even completely prohibited.

Where GM foods are controlled or prohibited, it is important that laboratories testing for the presence of GM are able to detect the modified material. The Fapas® GM proficiency testing materials provide laboratories with the means to independently demonstrate their ability to correctly analyse for the most commonly encountered GM crops, such as maize and soya.



Original thinking... applied



Genetically Modified Foods (GM) Proficiency Testing Schedule

Materials / Products	Type of Test / Properties Measured
Soya flour	Detection & identification / quantification
Maize flour	35S Promoter
Wheat flour	Bt11 maize
Animal feed	Bt176 maize
Mixed flours	GA21 maize
Processed/baked product	Maize (contamination)
Tobacco	MIR604 maize
	MON810 maize
	MON863 maize
	MON8817 maize
	MON89788 soya
	MON89034 maize
	NK603 maize
	NOS Terminator
	Other GM Event
	Rice (contamination)
	Roundup Ready (40-3-2) soya
	Soya (contamination)
	TC1507 maize



Original thinking... applied

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