

# DNA Testing

*Trust in Food*  
*Trust in Foyle*



Foyle are now DNA sampling 100% of all animals slaughtered and can validate the origin of all raw materials by using IdentiGEN's DNA Traceback system. By using a unique DNA sample taken from each individual animal, Foyle's customer base has the ability to trace all product, regardless of sample size, back to the individual animal including all movements and history.



### How it Works

- 1 A single sample is taken from each carcass using an IdentiGEN sampling device. This is done by scraping the sampling device against the carcass to secure a small sample of the meat.
- 2 The animal information such as Age, Breed, Farm Assurance Status etc provided by Government computer systems are scanned into the IdentiGEN sampling device which creates an immediate match.
- 3 The lid is replaced and the sampling device is placed into a sampling tray. At the end of the day's kill the samples are sent off to IdentiGEN.
- 4 The Sample is recorded by IdentiGEN and tested according to customer requirements.
- 5 A Status report normally follows indicating compliance to traceability.

## Quality at its Core

The DNA test enables Foyle and its customers to link superior quality meat (ie taste, texture etc) to individual animals and farms. By doing so we can profile our better performing farms and promote their knowledge and best practise to other farmers. This will ultimately speed up the evolution of quality beef in the coming years and well into the future.



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## DNA Traceback – Guarantee of Assurance

Knowing the “story” of your beef begins on the farm. Our dedicated producer clubs provide us with a steady supply of quality cattle, raised solely on farms that are members of the internationally respected Farm Quality Assurance Schemes and regulated by independent and competent third party organisations such as the Livestock and Meat Commission for Northern Ireland (LMCNI) and the Irish Food Board (Bord Bia).



With so much information available through this gold plated traceability system, Foyle can guarantee all Farm Quality Assurance claims and other claims such as:

- Breed claims
- Brand claims
- Age claims
- Labelling claims



Blackmorán Angus is an example of one of several premium Foyle Food Group brands. We strive to ensure that our Blackmorán Angus story is a happy one right from the beginning. Indeed, the further you get away from Angus genetics, the less likely you are to have the unique marbling and succulence which make it such a premium breed. Until now, a paper-based trail has been used to test this but to have more accurate data, we can now use DNA testing to trace the animal's origins all the way back to its father on the farm where it was conceived.

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