



GENETIC CERTIFICATE

Ms Eva-liz AANDAL

Brøstadveien 118
9311 Brøstadbotn
NORWAY

Name : **Soltrollets Power Tetryl**

Breed : **Golden Retriever**

ID Number : **578 098 100 580 728**
Pedigree Number : **No45135/17**

Gender : **Female**
Birth date : **08/06/2017**

Owner :
AANDAL Eva-liz
9311 Brøstadbotn (NO)
Customer Nb : C82886

Sample Number : **546 696** (Authenticated)
Sample type : Blood sample
Sample date : 03/08/2017
Request date : 07/08/2017

Sampler veterinarian :
HAUGENE Lars
9300 Finnsnes (NO)
Official number : **8972/1015451**

File Nu. : 135 559
Animal Number : 162 994
Result code : 275737

Degenerative Myelopathy (DM)

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of the SOD1 gene. The animal will not develop the form of Degenerative Myelopathy associated to the tested mutation. The animal will not transmit the genetic anomaly to its progeny.

Mathilde Verdier
Genetic Analyst

Kevin Mornieux
Genetic Analyst

Result established on 11/08/2017

Certificate issued on 11/08/2017

Explanation

This test is specific to Degenerative Myelopathy in dog. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the normal form of the SOD1 gene and the defective form (Awano et al. 2009). This test can not be used to detect other forms of degenerative myelopathy, nor other hereditary forms of neurological diseases, nor other neurological disorders acquired during the life span of the animal.

The laboratory ANTAGENE puts at its disposal all resources and means necessary with regards to reliability, quality assurance, and traceability in order to guarantee a result of 99% accuracy.