

# GENETIC IDENTIFICATION CERTIFICATE

**Mr Csaba NAGY**  
Miklosfa Utca 76

8800 Nagykanizsa  
Hungary

Name : **Sennenhund Chance To win**

Breed : **Berner Sennenhund**

Identification Nu : **348 098 100 154 912**  
Pedigree Nu : **MET Bsh 9394/08**

Sex : **Male**  
Date of birth : **01/06/08**

Sampler : **Veterinarian**  
**Dr Kjael SZILAVD**  
(Lewti, 8960, Hungary)  
Sampler nu. :

Sampling date : 30/06/12  
Sampling type : Cheek swab  
Sample Nu : **219757**

Receipt date : 05/07/12  
Case : 69977 / 31492 / 201204865 - 05/07/12  
Reference : 43613 / 43612 / 76238  
Test : 103437/ 70839  
Result code : 78286

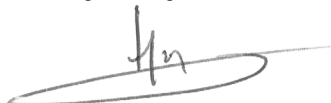
## Genetic profile

AHT130	AHT171	AHT260	AHTk211	AHTk253	AHT121	AHT137	Amelogenin	CXX279	FH2054	FH2848
<b>NS</b>	<b>KP</b>	<b>PP</b>	<b>JJ</b>	<b>MO</b>	<b>LN</b>	<b>GR</b>	<b>XY</b>	<b>KK</b>	<b>BC</b>	<b>KP</b>
INRA21	INU005	INU030	INU055	REN105L03	REN162C04	REN169D01	REN169O18	REN247M23	REN54P11	REN64E19
<b>JN</b>	<b>NN</b>	<b>JN</b>	<b>LP</b>	<b>KN</b>	<b>LM</b>	<b>OO</b>	<b>OO</b>	<b>KK</b>	<b>-</b>	<b>MM</b>

ISAG2006 / AHT130:129139 / AHT171:225235 / AHT260:252252 / AHT211:8787 / AHTk253:288292 / AHT121:98102 / AHT137:131153 / AMELOGENIN:XY / C22.279:118118 / FH2054:152156 / FH2848:234244 / INRA 21:95103 / INU005:126126 / INU030:144152 / INU055:210218 / REN105L03:231237 / REN162C04:204206 / REN169D01:220220 / REN169O18:168168 / REN247M23:270270 / REN54P11:- / REN64E19:145145

Result date : 10/07/12

Lina MUSELET  
Engineer in genetics



### Explanations :

The genetic profile is built from allelic combination of polymorphic microsatellite markers of the ISAG 2006 panel. At each microsatellite locus, the dog shows two alleles symbolized by a letter (A to Z). When the symbol (-) is present, it indicates that the genetic marker could not be amplified or analysed (this phenomenon is rare but could occur in some breeds or dogs; nevertheless, the remaining markers provide enough information to identify the dog). Probability to obtain different genetic profiles for any individual taken by chance in the population is higher than 99% (except for true twins, for which genetic profiles are identicals). Comparison of two genetic profiles, independently established, allows to verify the genetic identity of a dog. Comparison of genetic profiles between adults and puppies allows to verify their parentage.