

# Result of DNA analysis of an animal in professional breeding program

## Owner / Breeder

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## Animal and Sample:

**Species:** Dog  
**Breed:** Poodle Standard  
**Name of the animal:** **AMAREA ROYAL GLOW**  
**Sex:** Female **Date of birth:** 15.6.2017  
**Chip number:** 945000006057983 **Tattoo number:**  
**Date of sample receipt:** 14.1.2019 00:00:00 **Reg. number:** CLP/P/19820  
**Date of result release:** 16.1.2019 12:30:03  
**Biological material:** Anti-coagulated blood  
**Sampled by:** veterinary doctor

The identity of the animal has been verified at the time of sampling by an independent person.

**Description of the molecular technology used:** The ID of the animal has been evaluated based on polymorphic STR markers with the use of commercial diagnostic kits for forensic genetics - Canine ISAG STR Parentage Kit (2014) and/or Canine Genotypes Panel 2.1 Kit. Fragment analysis to yield the data has been carried out on the capillary sequencer ABI3500. The list of STR markers and migration values of the individual alleles are listed in the table of results of this Document.

## ID determination of the animal using a set of polymorphic STR markers (panel 1.1):

STR marker	Allele 1	Allele 2	STR marker	Allele 1	Allele 2
AHT121	98	104	AHT137	145	151
AHTh130	121	131	AHTh171	219	221
AHTh260	238	238	AHTk211	NT	NT
AHTk253	286	292	AMEL	216	216
CXX279	118	118	FH2054	156	156
FH2848	240	240	INRA21	91	91
INU005	114	114	INU030	152	152
INU055	214	218	REN105L03	241	241
REN162C04	206	210	REN169D01	202	218
REN169O18	162	162	REN247M23	268	270
REN54P11	232	232	REN64E19	145	147

The sizing of the STR markers complies with the ISAG 2015 reference.

\*The marker exhibits migration size at plus one / minus one base (panel 1.1 - Canine ISAG STR Parentage Kit). Thus, it is not possible to assign its actual migration size according to the arbitrarily set bins.

The result has been approved by:  
 MUDr. Peková Soňa, Ph.D.

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**Result number:** AI320/26152  
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