

Analysis Certificate

H691 Breed Identification – Dog

Customer Info

Name	:	Zoolyx
Adress	:	
Zip Code / City	:	
Customer no.	:	

Animal Info

Name	:	MIXED
Animal ID	:	
Breed	:	
Sex	:	
Date of Birth	:	
VHL ID	:	

Sample Info

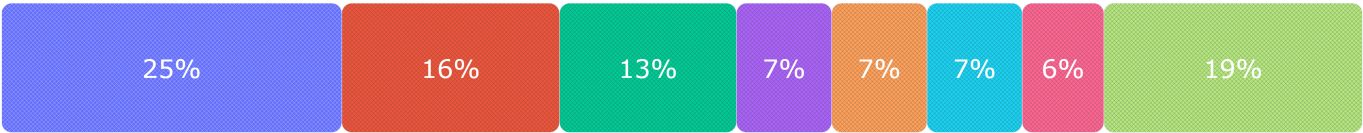
Order number	:	
Sample type	:	Swab
Certificate number	:	
Test date	:	15.8.2025

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13 breed(s) have been identified in the DNA of MIXED

Based on the genetic information of MIXED, the following breeds have been identified. The breeds are listed in order of strength with the most likely at the top of the list.



Cavalier King Charles Spaniel Maltese Shih Tzu Havanese Bichon Frise Biewer Terrier Chihuahua Others (<=5%)

Breeds

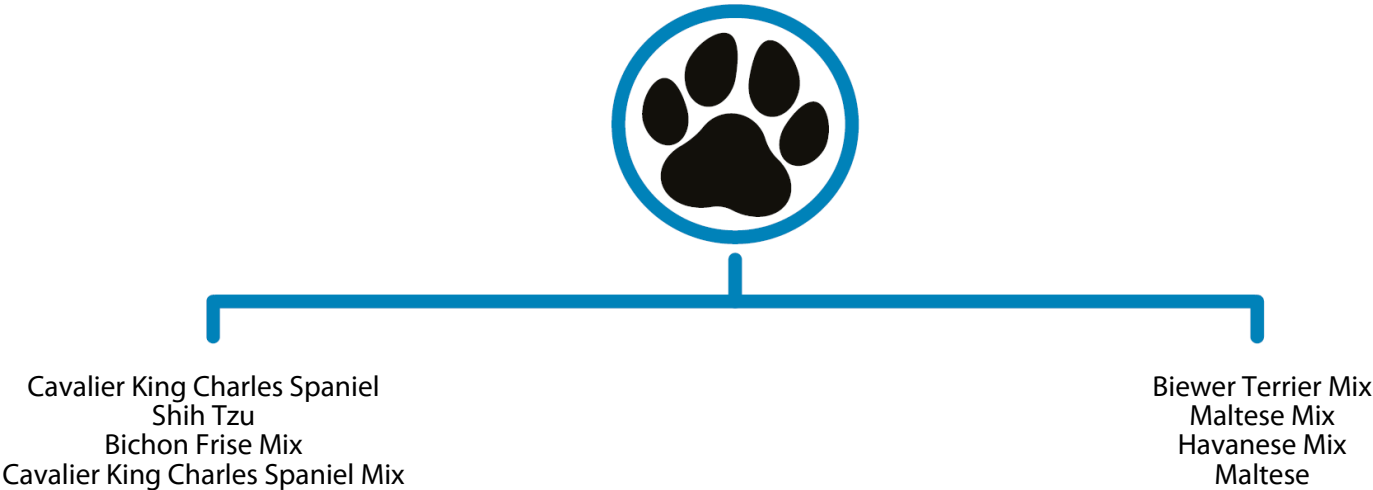
Others (<=5%)

Cavalier King Charles Spaniel	25%	Russian Hound	5%
Maltese	16%	Pumi	4%
Shih Tzu	13%	Weimaraner	3%
Havanese	7%	Dalmatian	3%
Bichon Frise	7%	Large Münsterlander	2%
Biewer Terrier	7%	Laika	2%
Chihuahua	6%		

Note that there could also be a (mixed) breed or breeds present that cannot be detected with the current database of over 350 breeds.

Ancestry

The breeds identified in your dog can be displayed as follows in its pedigree. The exact percentages can be found in the overview provided above.



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Name : MIXED

Test Code : H691

Animal ID :

VHL ID :

Breed :

Test Date : 15.8.2025



Details

This pedigree is constructed based on your dog's DNA and showcases the most influential breeds in your dog's ancestry, providing you with a clear understanding of its genetic heritage.

Parents: Within this pedigree, the most dominant breeds are depicted as the 'parents' of your dog. While this simplifies the complex genetic background of your dog, it remains the most effective method for illustrating your dog's lineage.

Mixed breeds: If parents are identified as a 'mix', it signifies that various breed-specific markers are present, precluding them from being assigned to a single breed.

MDR1

Multidrug resistance 1 (MDR1), also known as Ivermectin Sensitivity, is a condition characterized by a defect in the blood-brain barrier, potentially resulting in adverse reactions to certain medications. This defect arises from a predominantly recessive mutation in the ABCB1 (MDR1) gene. The primary indication of this condition is neurotoxicity following drug administration, which can vary depending on dosage. Symptoms in affected dogs may include ataxia, tremors, seizures, excessive salivation, obtundation, bradycardia, mydriasis, loss of menace, loss of papillary light responses, coma, and respiratory arrest.

MDR1 Medication Sensitivity: **Normal**

Would you like to learn more about the genetic disorders and traits of your dog? Our CombiBreed Health Package for Dogs (testcode H860) can give you more insight. Visit www.combibreed.com for additional information.

Thank you for using CombiBreed to uncover your dog's ancestry

A pedigree, derived from a breed identification test for dogs, offers a comprehensive insight into a canine's lineage. By analysing the genetic makeup, these tests unveil the diverse mix of breeds present in your dog's ancestry, providing you with a deeper understanding of your pet's heritage.

Beyond satisfying curiosity, understanding a dog's pedigree can be invaluable for various reasons. It sheds light on potential health predispositions, behavioural traits, and physical characteristics inherited from different breeds. This knowledge empowers you as owner to tailor care, training, and medical attention to suit LOWIE's specific needs more effectively.

This test is performed by an external laboratory.

On behalf of VHLGenetics B.V.,
A. de Lange MBA

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Breed Certificate



Name: MIXED

Date of Birth:

Animal ID:

VHL ID:

In the genetic analysis of the dog, the following breed(s) have been identified

Breeds		Others (<=5%)	
Cavalier King Charles Spaniel	25%	Russian Hound	5%
Maltese	16%	Pumi	4%
Shih Tzu	13%	Weimaraner	3%
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