

AMERICAN KENNEL CLUB

NAME  
WALDOS SMOKEY (AKC DNA #V973352)

NUMBER  
TS44591901

BREED  
CAVALIER KING CHARLES SPANIEL

SEX  
MALE

COLOR  
BLACK & WHITE, TAN MARKINGS

DATE OF BIRTH  
NOVEMBER 11, 2019

SIRE  
BLUE WALDO  
TS38637401 02-19

DAM  
WOODSIDE CINNAMON  
TS31682102 04-18

BREEDER  
LEVI KEIM

OWNER

AARON MILLER  
14843 EMERSON RD  
DALTON OH 44618-9247



AMERICAN  
KENNEL CLUB®

CERTIFICATE ISSUED  
MAY 11, 2022

*This certificate invalidates all previous certificates issued.*

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

**For Transfer Instructions, see back of Certificate.**

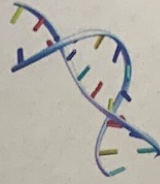
*This Certificate issued with the right to correct or revoke by the American Kennel Club.*

REGISTRATION CERTIFICATE

## Canine Genetic Testing Report

Submitted By

Matthew Yoder  
Happy Tail Pets, LLC  
4460 Township Rd 617  
Millersburg, OH 44654



**Subject Dog** 00275768

Date Received: 7/2/2021

Dog Name: **Waldo**  
Breed: Cavalier King Charles Spaniel  
Phenotype: Merle Tri

Registration:  
Microchip:  
Sex: Male

Birth:

Sire	Dam
Sire Name: Breed: Registration: Phenotype:	Dam Name: Breed: Registration: Phenotype:

Coat Color Testing		
<input checked="" type="checkbox"/>	A Locus-Ay	n/n Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	At/At Dog has two copies of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
	Cocoa	Not Tested
<input checked="" type="checkbox"/>	D Locus	D/D Dog is negative for the dilution gene.
<input checked="" type="checkbox"/>	E Locus- EM	n/n Dog does not carry allele for melanistic mask.
<input checked="" type="checkbox"/>	E Locus- e	E/e Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
<input checked="" type="checkbox"/>	K Locus-KB	n/n Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<input checked="" type="checkbox"/>	Spotting	S/S Dog has two copies of the MITF variant associated with parti-color in some breeds.
	Harlequin	Not Tested
	Merle	Not Tested

Genetic Disorders		
<input checked="" type="checkbox"/>	CKCSID	n/n Clear
<input checked="" type="checkbox"/>	DM	n/DM Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.
<input checked="" type="checkbox"/>	EFS	n/n Clear
<input checked="" type="checkbox"/>	prcd-PRA	n/n Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.

Coat Type Testing		
<input checked="" type="checkbox"/>	Hair Length	l/l Long Hair: Dog has two copies of the long hair allele.
<input checked="" type="checkbox"/>	Hair Curl	n/n Non-Curl Coat: Dog does not carry the mutation for coat curl.
<input checked="" type="checkbox"/>	Furnishings	n/n Dog is negative for the Furnishings mutation.
<input checked="" type="checkbox"/>	Shedding	n/n Negative: Dog is unlikely to be a high shedding dog.

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	Not Tested
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18I	REN247M23			

**Additional Comments**  
A-Panel: At/At - Homozygous for black-and-tan.  
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.