

Coat Color and Trait Certificate

Call Name:	Ember	Barcode:	26US00219
Registered Name:	NE3D Embers Across The Meadow	Registration:	SZ00902103
Breed:	American Cocker Spaniel	Certificate Date:	8th Sep 2026
Sex:	Female	Microchip Number:	900263007127574
DOB:	7th Apr 2026		

This canine's DNA showed the following genotype(s):

Breed Sense	Coat Color/Trait Test	Genotype	Interpretation
✔	Chondrodysplasia (CDPA)		NORMAL (N/N) - NO SHORTENED LEGS COMPARED TO CDPA DOGS
✔	Eh Locus (Sable, Cocker Spaniel Type)		E ^h /E ^h - NO COPIES OF e ^h (SABLE COAT COLOUR) DETECTED
✔	Sex Determination - ZFX/Y		DOG IS FEMALE
✔	E Locus - (Cream/Red/Yellow)		E/e - BLACK CARRIES EXTENSION [YELLOW/WHITE/APRICOT/R UBY/RED]
✔	EM (MC1R) Locus - Melanistic Mask		E ⁿ /E ⁿ - NO MELANISTIC MASK (E ⁿ) EXTENSION ALLELE
✔	B Locus - Bd, Bs, Bc [Various Breeds]		bb [bcbc Bdbd BsBs] - BROWN SKIN PIGMENT (YELLOW ee DOGS WILL HAVE BROWN NOSES)

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✔	D (Dilute) Locus		D/D - NO COPY OF MLPH-D ALLELE (DILUTE) - PIGMENT IS NORMAL
✔	K Locus (Dominant Black)		k ^y /k ^y - RECESSIVE NON-BLACK [COLOUR PATTERN DETERMINED BY A LOCUS]
✔	A Locus (Agouti)		α ^t /α - TRI COLOUR / TAN POINTS CARRIES SOLID COLOUR/BICOLOUR
✔	Piebald/White Spotting (S Locus)		S/sp - CARRIER OF PIEBALD [LIMITED WHITE SPOTTING, FLASH OR PARTI]
✔	M Locus (Merle/Dapple)		m/M [171/268bp] - CLASSIC MERLE [RANDOM "MIXED" AREAS OF DILUTED COLOUR]

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✔	Shedding (MC5R)		SHD/SHD [LOW SHEDDING] - NO COPIES OF THE SHEDDING (MC5R) VARIANT DETECTED [REFER TO FURNISHINGS (IC) FOR LEVEL]
✔	Curly Coat/Hair Variant 1		NEGATIVE FOR THE R151W (C1) VARIANT - NOT SHOWING THE CURLY COAT PHENOTYPE
	Coat Composition CFA28 Gene (Double/Single Coat)		UDC/udc - ONE COPY OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED