UNIVERSITY OF CALIFORNIA, DAVIS

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HORSE COAT COLOR / PATTERN TEST RESULTS

MEREDITH VAN BENTHUYSEN
37351 BAILEY HILL RD
DADE CITY, FL 33525-0828

Case: **NQ57139**
Date Received: 07-May-2020
Print Date: 18-May-2020
Report ID: 4701-2531-6313-4160
Verify report at www.vgl.ucdavis.edu/myvgl/verify.htm

Horse: **LLANARTH ROYALTY** *Reg:* **51700**
DOB: **04/21/2012** *Sex:* **Stallion** *Breed:* **Welsh Pony**

Sire: DOUTHWAITE SIGNWRITER *Reg:*
Dam: COTTRELL GWENER *Reg:*

RED FACTOR	**e/e**	Only red factor detected. Basic color is red in the absence of modifying genes.	SPLASHED WHITE (SW1, SW3, SW5, SW6)	**N/N**	No copies of MITF Splashed White detected.
AGOUTI	**A/A**	2 copies of agouti present. If present, black pigment is restricted to the points.	SPLASHED WHITE (SW2, SW4)	**N/N**	No copies of PAX3 Splashed White detected.
CREAM	**N/Cr**	1 copy of Cream dilution detected.	TOBIANO	**N/N**	No copies of Tobiano detected.
PEARL	**N/N**	No copies of Pearl dilution detected.	LEOPARD	**N/N**	No copies of Leopard Complex detected.
SILVER	**N/N**	No copies of Silver dilution detected.	PATTERN-1	**N/N**	No copies of PATN1 detected.*
DUN	**nd2/nd2**	Horse is not Dun dilute. Primitive markings are absent.	BRINDLE 1		Not requested.
CHAMPAGNE	**N/N**	No copies of Champagne dilution detected.	TIGER EYE		Not requested.
LETHAL WHITE OVERO	**N/N**	No copies of lethal white overo detected.	MUSHROOM (SHETLAND PONY)		Not requested.
SABINO 1	**N/N**	No copies of Sabino 1 detected.	GRAY	**G/G**	2 copies of the gray gene. Horse will turn gray and all offspring will be gray.
DOMINANT WHITE (W5, W10, W20, W22)	**N/N**	No copies of W5, W10, W20 or W22 detected.	ROAN		Not requested.

*Pattern-1: In order for high levels of white spotting to be visible on horses that inherit PATN1, LP must also be present.

For more detailed information on Horse Coat Color results, please visit:
www.vgl.ucdavis.edu/services/coatcolorhorse.php

Tests for Gray, Lethal White Overo and Tobiano are performed under license.