



dr. van haeringen laboratorium b.v.

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BOVINE IDENTIFICATION CERTIFICATE

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Date of issue: 23.11.2010

Animal data

Name: CHESTNUT PAPPA
 Date of birth: 18.01.2009
 Breed: Piedmont

Reg.nr: UK 142857 100079
 Sexe: M

Parent data

Name:
 DAM : CHESTNUT GORGEOUS
 SIRE : IBRIDO

Reg.nr:
 UK 142857 100009
 IT 004900219359

Result

Parentage qualifies, based on DNA-typing.

DNA-PCR

Sample ID: 363563
 Material: Hair

date of test:

ISAG CODE: NL/H

marker	BM	BM	BM	CSRM	CSSM	ETH	ETH	ETH	ILSTS
	1818	1824	2113	60	66	10	225	3	006
result	266/268	188/192	131/139	100/102	189/193	217/	148/150	117/125	288/292
marker	INRA	RM	SPS	SPS	TGLA	TGLA	TGLA	TGLA	
	23	067	113	115	122	126	227	53	
result	210/214	90/ 94	285/297	248/256	143/157	115/117	81/ 93	154/168	

The allele sizes have been adjusted to the ISAG nomenclature.

If any questions arise concerning the interpretation of the data issued on this certificate, please contact VHL.

The probability of exclusion (PE) from this parentage verification is higher than 99%.
 The general conditions apply to this test. Results have been based on the material received.