



dr. van haeringen laboratorium b.v.

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BOVINE IDENTIFICATION CERTIFICATE

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Date of issue: 18.02.2010

Animal data

Name: Spiderman PS
Date of birth: 28.09.2008
Breed: Holstein Friesian

Reg.nr: NL 520629046
Sexe: M

Parent data

Name: PONSSTAR SHARITA
DAM : Jardin
SIRE : Jardin
SIRE : Jardin
SIRE : Jardin

Reg.nr: NL 384379309
NL 970179333
DE 0345379222
DE 345379222

Result

Parentage qualifies, based on both blood- and DNA-typing.

BLOODTYPING

Sample ID: 198125 date of test: 04.12.2009 ISAG CODE: NL/H

A2H / (I104PB'E'3Q')
WX2X'C" / F /FN' J L M
H' / S Z R' T
-/- S'/S' - /-

For a list of the reagents in test, please contact VHL.

DNA-PCR

Sample ID: 198125 date of test: . . ISAG CODE: NL/H
Material: Blood

Marker	BM	BM	BM	CSRM	CSSM	ETH	ETH	ETH	ILSTS
result	1818	1824	2113	60	66	10	225	3	006
marker	INRA	MGTG	RM	SPS	SPS	TGLA	TGLA	TGLA	TGLA
result	266/23	178/4B	127/139	96/102	185/189	209/213	148/122	127/227	288/53
result	206/	133/147	90/98	285/291	248/252	149/151	115/123	97/	158/176

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.