



dr. van haeringen laboratorium b.v.

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BOVINE IDENTIFICATION CERTIFICATE

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Date of issue: 22.02.2010

Animal data

Name: DELTA ATLANTIC
Date of birth: 30.06.2008

Reg.nr: NL 498938423
Sex: M

Parent data

DAM : Name: Etazon Renate
SIRE : Ramos
SIRE : Ramos
SIRE : Ramos
SIRE : Ramos
SIRE : Ramos

Reg.nr:
NL 389691563
DE 41485350
NL 970146623
IL 5521
DE 0341485350
DE 341485350

Result

Parentage qualifies, based on DNA-typing.

DNA-PCR

Sample ID: 182888 date of test: 11.12.2008 ISAG CODE: NL/H
Material: Hair

marker	: BM	BM	BM	CSRM	CSSM	ETH	ETH	ETH	HAUT
	1818	1824	2113	60	66	10	225	3	27
result	: 262/266	188/	127/135	98/100	189/	209/213	150/	117/129	142/
marker	: ILSTS	INRA	SPS	TGLA	TGLA	TGLA	TGLA		
	006	23	115	122	126	227	53		
result	: 288/294	206/210	248/260	151/183	115/117	89/ 97	160/186		

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.