

Zootechnical certificate in accordance with Regulation (EU)2016/1012 for trade in SEMEN of purebred breeding animals of the following species:

(a) bovine species (Bos taurus, Bos indicus, Bubalus bubalis)



Certificate number
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All EU official languages of the zootechnical certificates, including footnotes and notes, are available in EUR-Lex

A. Information on the donor male purebred breeding animal

1. Name of issuing breed society / competent authority

Coöperatie CRV ua, Postbus 454, 6800 AL Arnhem, The Netherlands

Phone : +31 26 389 88 00 Fax : +31 26 389 88 88

Email: coöperatie@crv4all.com

Website: www.cooperatie-crv.nl

2. Name of breeding book

CRV Herd book

3. Name of breed of donor male

Holstein Friesian

4. Class of the main section of the breeding book where donor male is entered

Main Section

5. Breeding book number of donor male NL 728158801

6. Individual identification number for donor mail of the equine species ---

7. Identification of donor male

7.1. System

Eartag

8. Identity verification

8.1. Method

DNA

7.2. Individual identification number

NL 728158801

8.2. Result

Verified

7.3. Animal health identification number

202300689 (VHL)

7.4. Name

Delta Coronator P

9. Date (dd.mm.yyyy) and country of birth of donor male 02.11.2022 The Netherlands

10. Name and address of breeder

CRV Giekerk - opfok, Gytsjerk

11. Name and address of owner

CRV Afd Foktechniek, Arnhem

12. The pedigree of the donor male

12.1. Sire Reflex P

FR 4939507891

Main Section

12.1.1. Paternal Grandsire

Nacash

FR 7261295251

Main Section

12.1.2. Paternal Granddam

Octopussy

FR 4404995117

Main Section

12.2. Dam Gastelsveer Delta Bella

NL 897095242

Main Section

12.2.1. Maternal Grandsire

Simon P

DE 360208999

Main Section

12.2.2. Maternal Granddam

Delta Belinda

BE 513870804

Main Section

13. Additional information

13.1. Results of performance testing (see other page/attachment)

13.2. Up-to-date results of the genetic evaluation carried out last on (dd.mm.yyyy) 09.08.2023 (Male); 14.08.2023 (Female)

13.3. Genetic defects and genetic peculiarities of the animal in relation to the breeding programme (see other page/attachment)

13.4. Other relevant information on purebred breeding animal (see other page/attachment)

B. Information on SEMEN: See attachment

14. Validation

14.4. Signature

14.1. Done at

Arnhem

14.2. on

27.09.2023

14.3. Name and capacity of the signatory

J.A.L. BUITING, MANAGER HERDBOOK

Animal

7.4 Name : Delta Coronator P
 6 Number : NL 728158801
 3 Breed : Holstein Friesian
 4 Section : Main
 5 Sex : Male
 Milkabil. : 97

13.1 lb Base %R 70 102 102 105 105
 Bv Type :GFw Z23 70 102 102 103 103
 lb Base %R 69 +1917 KgM %F %P KgF KgP
 Bv prod. :GFw Z23 69 +1917 -0.34 +0.03 +45 +70

Name : Reflex P
 Number : FR 4939507891
 Section : Main
 Milkabil. : 103

lb Base %R 72 102 103 107 106
 Bv Type :GFw Z23 72 102 103 107 106
 lb Base %R 71 +943 KgM %F %P KgF KgP
 Bv prod. :GFw Z23 71 +943 +0.07 +0.02 +47 +35

Ped.verif :DNA BP +257
 Born :11.05.2020
 Calv.eas. :Average

Sire

Name : Nacash
 Number : FR 7261295251
 Section : Main
 Bv Type :GFw Z23 84 104 105 106 98 104
 Bv prod. :GFw Z23 88 -35 +0.64 +0.31 +55 +26
 S : Endco Superhero
 D : Fustead Rubicon Lavon
 US 3129037603
 US 3129876263

Paternal grand dam

Name : Octopussy
 Number : FR 4404995117
 Section : Main
 Bv Type :FW Z23 58 106 102 103 102 105
 Bv prod. :FW Z23 44 +1111 -0.21 -0.13 +26 +26
 1st lac :
 Best lac :
 Lifetime :
 S : Stantonons Adagio-P
 D : Molly
 US 3129016082
 FR 4438057922

Maternal grand dam

Name : Simon P
 Number : DE 360208999
 Section : Main
 Bv Type :GFw Z23 83 102 104 107 98 104
 Bv prod. :GFw Z23 84 +1687 -0.08 -0.03 +63 +56
 S : Semino
 D : KNS Missboard
 DE 1501387474
 DE 03586665759

Dam

Name : Gastelsveer Delta Bella
 Number : NL 897095242
 Section : Main
 Ped.verif :DNA BP +370
 Born :01.01.2021

lb Base %R 73 101 102 108 98 104
 Bv Type :GFw Z23 73 101 102 108 98 104
 lb Base %R 73 +826 KgM %F %P KgF KgP
 Bv prod. :GFw Z23 73 +826 +0.35 +0.24 +69 +52
 Age Days KgM %F %P KgF KgP
 Prod :
 Lifetime :

Maternal grand sire

Name : Delta Belinda
 Number : BE 513870804
 Section : Main
 Bv Type :GFw Z23 85 96 99 107 103 104
 Bv prod. :GFw Z23 87 +655 +0.21 +0.07 +48 +29
 1st lac :2.10 305 9626 4.48 3.76 431 362
 Best lac :3.10 305 12427 4.29 3.72 534 463
 Lifetime : 3 868 32536 4.39 3.73 1428 1214
 S : Weelder Esperanto
 D : De Tuunte Delta Branka
 NL 738287780
 NL 866911739

Maternal grand dam

Name : Delta Belinda
 Number : BE 513870804
 Section : Main
 Bv Type :GFw Z23 85 96 99 107 103 104
 Bv prod. :GFw Z23 87 +655 +0.21 +0.07 +48 +29
 1st lac :2.10 305 9626 4.48 3.76 431 362
 Best lac :3.10 305 12427 4.29 3.72 534 463
 Lifetime : 3 868 32536 4.39 3.73 1428 1214
 S : Weelder Esperanto
 D : De Tuunte Delta Branka
 NL 738287780
 NL 866911739

13.2 Publication date breeding values:

- Male :09.08.2023
 - Female :14.08.2023

10 Breeder : CRV Giekerk - opfok
 Gytjerik
 11 Owner : CRV Af'd Foktechniek
 Arnhem

103
 641

Zootechnical certificate in accordance with Regulation (EU) 2016/1012 for trade in SEMEN of purebred breeding animals of the bovine species




NL 728158801

5880



dr. van haeringen laboratorium b.v.

a VHLGenetics company

Customer number 5

Analysis Certificate

Animal data

Name: CORONATOR P
Date of birth: 02.11.2022
Sexe: Male
Reg. nr.: NL 728158801
Breed: Holstein Friesian

Sample data

VHL_ID: R243318
Test ID-nr: 735648 1
Material: Hair

Parent data

Dam: NL 897095242 / VHL_ID: R243299 / Gastelsveer Delta Bella
Sire: FR 4939507891 / VHL_ID: R801911 / Reflex P

Parentage: Parentage qualifies, based on DNA-typing.

DNA markers:

TGLA227	91	/	97	INRA23	206	/	210
BM2113	125	/	127	BM1818	262	/	266
TGLA53	158	/	160	ETH3	129	/	
ETH10	219	/		ETH225	148	/	150
SPS115	248	/	252	BM1824	178	/	180
SPS113	147	/	151	CSRM60	92	/	102
RM067	90	/	92	MGTG4B	135	/	141
TGLA126	115	/	117	CSSM66	179	/	
TGLA122	163	/	183	ILSTS006	288	/	294



H. Tolsma, DVM
Managing director

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(Certificate nr: R119168/Date of issue: 27.09.2023)

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Pedigree

804 Delta Belinda

CRV
Postbus 454
6800 AL ARNHEM
Tel: 026-3898700

Postbus 454, 6800 AL Arnhem

6154912 Kafm+Lpj Nooijen-Maas

Processing date 29/09/23

© CRV Arnhem

Animal

Name :Delta Belinda RF- PO- CD- BL- MF-
Reg.no :BE 513870804 Born :09/03/18
Id. no. :804 Sex :F
Breed :100%HF Color :BW

Conformation

M/yr	Bas	%r	F	Ds	U	F&L	M	Tot
GFw8/23	Z23	85	96	99	107	103		104
Age	St							Tot
4.09	Z		85	84	87	80		84

Production

M/yr	Bas	%r	KgM	%fat	%prot	KgF	KgP	Inet
GFw8/23	Z23	87	+655	+0.21	+0.07	+48	+29	+229
Age	Days							
2.10	318		9901	4.50	3.77	445	373	
			9626	4.48	3.76	431	362	
3.10	366		13543	4.42	3.81	598	516	
			12427	4.29	3.72	534	463	
5.00	217CL		10342	4.30	3.60	444	372	
Total(3)	901		33786	4.40	3.74	1487	1261	

Reproduction status

Owner :6154912 KAFM + LPJ Nooijen-Maas
Coevorden

Applicant :Afd Foktechniek Ben Aerts
Arnhem

Sire

Name :Weelder Esperanto RF- PO- CV- CD- LR-
Reg.no :NL 738287780 Born :12/03/16
Breed :100%HF Color :BW
AI-code:941780

Conformation

M/yr	Bas	%r	F	Ds	U	F&L	M	Tot
GFw8/23	Z23	99	95	99	107	107		106

Production

M/yr	Bas	%r	KgM	%fat	%prot	KgF	KgP	Inet
GFw8/23	Z23	99	+1286	-0.19	-0.11	+35	+34	+229

Dam

Name :De Tuunte Delta Branka RF- PO- CD- LR- BL-
Reg.no :NL 866911739 Born :30/11/15
Breed :100%HF Color :BW

Conformation

M/yr	Bas	%r	F	Ds	U	F&L	M	Tot
GFw8/23	Z23	80	104	103	104	100		104

Production

M/yr	Bas	%r	KgM	%fat	%prot	KgF	KgP	Inet
GFw8/23	Z23	83	+788	+0.09	+0.01	+42	+28	+213

Paternal grandsire

Name :Bouw Final RF- PO- CV- CD- LR-
Reg.no :NL 875952040 Born :08/07/14
Section :Main(HF)
Milk. Sp. :97 Calv.eas. :102
NVI :154

GFw8/23	Z23	99	97	102	102	106	106	104
GFw8/23	Z23	99	+671	-0.18	-0.09	+11	+15	+98

Paternal granddam

Name :Weelder Esmonique 38 CD- BL- DP-
Reg.no :NL 546054978 Born :22/03/12
Section :Main(HF)

GFw8/23	Z23	94	91	93	106	98	98	
GFw8/23	Z23	96	-489	+0.67	+0.11	+35	-8	+32
3.02	Z		88	87	85	83	85	
2.08	354		10299	4.97	3.42	512	353	
			9357	4.90	3.37	458	316	
5.08	705		18675	5.33	3.68	995	688	
			10745	4.97	3.21	534	345	
Total(3)	1670		44194	5.21	3.63	2303	1607	

Maternal grandsire

Name :Delta Regard RF- PO- CV- CD- LR-
Reg.no :NL 548354692 Born :16/11/13
Section :Main(HF)
Milk. Sp. :105 Calv.eas. :96
NVI :162

GFw8/23	Z23	99	98	98	103	102	102	102
GFw8/23	Z23	99	+1764	-0.38	-0.18	+34	+42	+269

Maternal granddam

Name :De Wijde Blik Delta Bea CD- BL- DP-
Reg.no :NL 743653220 Born :22/06/13
Section :Main(HF)

GFw8/23	Z23	89	101	100	101	102	102	102
GFw8/23	Z23	92	-513	+0.48	+0.01	+18	-17	-42
2.11	Z		87	85	86	85	86	
2.03	384		10463	4.66	3.69	487	387	
			9099	4.53	3.66	412	333	
3.05	347		11212	4.99	3.84	559	431	
			10483	4.92	3.82	516	400	
4.06	354		12967	4.69	3.71	608	481	
			12032	4.57	3.64	550	438	
Total(3)	1085		34642	4.78	3.75	1654	1299	



dr. van haeringen laboratorium b.v.

a VHLGenetics company

CRV BV
Postbus 454
6800 AL ARNHEM
Customer number 25296

Analysis Certificate

Animal data

Name: CORONATOR P
Date of birth: 02.11.2022
Sex: Male
Reg. nr.: NL 728158801
Breed: Holstein Friesian

Sample data

VHL_ID: R243318
Test ID-nr: 735648 2
Material: Hair

Dam: NL 897095242 / VHL_ID: R243299 / Gastelsveer Delta Bella
Sire: FR 4939507891 / VHL_ID: R801911 / Reflex P

R870 - Brachyspina Mut.Test - Date of test: 05.10.2023

Testresult: NO CARRIER

H. Tolsma, DVM
Managing director

R870 - Brachyspina Mut.Test

Explanation about the result:

NO CARRIER: The animal has two normal alleles and is therefore not affected by this specific variant. The animal will not develop the described clinical features due to this variant. When used in breeding, a healthy allele will be passed to all offspring.

CARRIER: The animal is a carrier; it has one normal and one affected allele. The animal will not develop the described clinical features due to this variant. In breeding, there is a 50% chance for each offspring that it will receive an affected allele.

AFFECTED: The animal is affected; it has two affected alleles. The animal will most likely develop the described clinical features due to this variant. When used in breeding, all offspring will receive an affected allele.

VHL exercises the utmost care in performing each of its engagements. No party other than the principal may derive any rights from the results of these engagements, and the principal expressly indemnifies VHL in respect of any third-party claims. VHL policy provides that any complaints must be received within eight days of the completion of an engagement and imposes restrictions on liability. In that respect, VHL refers to its General Conditions, which are applicable to all engagements VHL performs and which were accepted at the time of purchase. These General Conditions can also be reviewed at www.vhlgenetics.com. The work VHL performs is based on the material and/or data it receives from its principal. This report may only be copied in its entirety. The organization is ISO:9001 certified for all her work. This test is based on PCR technology.

(Certificate nr: R119419/Date of issue: 05.10.2023)

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Retouradres Postbus 454, 6800 AL Arnhem

To the competent breeders' Association

2 augustus 2023

Certificate of freedom from cloning for breeding cattle

It is hereby confirmed that the animal listed is not the offspring of clones based on the first three generations (parents, grandparents and great-grandparents).

International ID	NLD Reg. Nr.	Name	Shortname
HOL840M000728158801	NL 728158801	DELTA CORONATOR P	CORONATOR P

Place: Arnhem, The Netherlands
Date: 2 augustus 2023

Name in block letters:
J. Veldhuisen, CRV B.V.

