

Animal

7.4 Name :Delta Assist
6 Number :NL 629528835
3 Breed :Holstein Friesian
4 Section :Main
5 Sex :Male
13.3 BYF CVF CDF BLF RFF
7 Ident. :Eartag
8 Ped.verif :DNA
9 Born :02.04.2017
Country :The Netherlands
Milkabil. :97

13.1	Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z15	71	99	102	110	104		107
Bv prod.	:GFw	Z15	65	+1881	+0.06	+0.02	+86		+68

14 Service :

14.1 Service date :

14.2 Bull

Sire

Dam

12.1 Sire

Name :Delta Concert
Number :NL 687206696
Section :Main
BYF CVF CDF BLF RFF
Ped.verif :DNA
Born :21.05.2015
Calv.eas. :Easy

Milkabil. :98

	Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z15	74	102	103	105	104		106
Bv prod.	:GFw	Z15	68	+2223	-0.14	+0.04	+79		+82

12.2 Dam

Name :Molen Delta Alicia
Number :NL 582427635
Section :Main
CDF BLF RFF POF MFF
Ped.verif :DNA
Born :09.01.2015

	Ib	Base	%R	F	T	U	L	M	T
Bv Type	:GFw	Z15	75	102	104	112	101		108
Bv prod.	:GFw	Z15	70	+2085	-0.16	-0.08	+71		+64
Prod	Age	Days	KgM	%F	%P	KgF	KgP		
Lifetime									

13.2 Publication date breeding values:
- Male :05.12.2018
- Female :23.08.2018

12.1.1 Paternal grand sire

Name :L W Crescendo
Number :NL 656787711
Section :Main
Bv Type :GFw Z15 94 99 105 104 101 103
Bv prod. :GFw Z15 93 +1538 +0.04 -0.04 +70 +50
S :Batenburg G. Stellando
D :L W Christina 3
BYF CDF BLF RFF DPF
Born :28.04.2013
NL 727555328
NL 534985712

12.1.2 Paternal grand dam

Name :Delta Rainbow
Number :NL 765168979
Section :Main
Bv Type :GFw Z15 77 96 100 108 106 106
Bv prod. :GFw Z15 79 +1737 -0.04 -0.04 +70 +56
1st lac :2.06 305 10401 4.23 3.49 440 363
1st lac :2.06 305 10401 4.23 3.49 440 363
Lifetime :1 741 18497 4.42 3.78 818 698
S :Delta G-Force
D :Delta Robyn
CDF BLF DPF
Born :10.11.2012
NL 533730469
BE 710439141

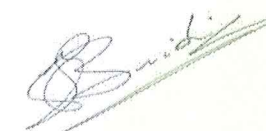
12.2.1 Maternal grand sire

Name :Larcrest Commander
Number :US 58591942
Section :Main
Bv Type :FW Z15 94 98 102 114 105 110
Bv prod. :FW Z15 93 +1344 +0.01 -0.05 +58 +42
S :Mountfield Ssi Dcy Mogul
D :Larcrest Calinda-ET
CDF BLF DPF
Born :17.12.2012
US 3006972816
US 70119330

12.2.2 Maternal grand dam

Name :Delta Anne
Number :NL 738509987
Section :Main
Bv Type :GFw Z15 78 103 106 110 100 107
Bv prod. :GFw Z15 76 +1847 -0.35 -0.15 +41 +48
1st lac :
Best lac :
Lifetime :
S :Cookiecutter Mom Hunter
D :Vero Anne 47
CDF BLF DPF
Born :17.11.2012
US 3000540481
NL 739020179

15.1 Place : Arnhem
15.2 Date : 06.12.2018
15.3 Name : J.A.L. Buiting MBA Manager Herdbook
15.4 Signature :



NL 629528835



2883

10 Breeder : CRV Giekerk - opfok
Gytsjerk
11 Owner : CRV Afd Foktechniek
Arnhem

103
668

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

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



Certificate number

1. Name of issuing breed society / competent authority Coöperatie CRV ua, Wassenaarweg 20, 6843 NW 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 purebred breeding animal Holstein Friesian		
4. Class of the main section of the breeding book where animal is entered Main Section			
5. Sex of animal Male	6. Breeding book number of animal NL 629528835		
7. Identification of purebred breeding animal System Eartag NL 629528835	8. Identity verification 8.1. Method 8.2. Result DNA Verified		
7.3. Animal health identification number Delta Assist			
7.4. Name Delta Assist			
9. Date (dd.mm.yyyy) and country of birth of animal 02.04.2017 The Netherlands			
10. Name and address of breeder CRV Giekerk - opfof, Gytsjerk			
11. Name and address of owner CRV Afd Foktechniek, Arnhem			
12. The pedigree of the breeding animal including the breed composition			
12.1. Sire Delta Concert NL 687206696	12.1.1. Paternal Grand sire L W Crescendo NL 656787711	Main Section	
	12.1.2. Paternal Granddam Delta Rainbow NL 765168979	Main Section	
12.2. Dam Molen Delta Alicia NL 582427635	12.2.1. Maternal Grand sire Larcrest Commander US 58591942	Main Section	
	12.2.2. Maternal Granddam Delta Anne NL 738509987	Main Section	
13. Additional information			
13.1. Results of performance testing (see other page/attachment)		05.12.2018 (Male); 23.08.2018 (Female)	
13.2. Up-to-date results of the genetic evaluation carried out last on (dd.mm.yyyy)			
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 (see other page/attachment)			
14. Insemination/mating			
14.1. Date			
14.2. Identification of the fertilising male			
14.2.1. Individual identification number		14.2.2. Name	
14.2.3. System of identity verification and result			
15.1. Done at Arnhem	15.2. on 06.12.2018		
15.3. Name and capacity of the signatory J.A.L. BUTTING, MANAGER HERDBOOK			
15.4. Signature 			



dr. van haeringen laboratorium b.v.

a VHLGenetics company

Customer number 5

Analysis Certificate

Animal data

Name: DELTA ASSIST
Date of birth: 02.04.2017
Sex: Male
Reg. nr.: NL 629528835

Sample data

VHL_ID: R530341
Test ID-nr: 437622 1
Material: Hair

Parent data

Dam: NL 582427635 / VHL_ID: R520523 / MOLEN DELTA ALICIA
Sire: NL 687206696 / VHL_ID: R487737 / Delta Concert

Parentage: Parentage qualifies, based on DNA-typing.

DNA markers:

TGLA227	89	/	103	INRA23	210	/	214
BM2113	125	/	139	BM1818	260	/	262
TGLA53	158	/	186	ETH3	117	/	129
ETH10	219	/		ETH225	140	/	148
SPS115	248	/		BM1824	188	/	
SPS113	141	/		CSRM60	96	/	100
RM067	90	/	92	MGTG4B	141	/	
TGLA126	115	/	117	CSSM66	189	/	
TGLA122	149	/	183	ILSTS006	294	/	

W.A. van Haeringen, PhD
Executive Director

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(Certificate nr: R54865/Date of issue: 26.04.2018)

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Pedigree

Delta Anne

Crv
Postbus 454
6800 AL ARNHEM
Tel: 026-3898700

Postbus 454, 6800 AL Arnhem

2007630 CRV DONOR

Processing date 11/12/18

© CRV Arnhem

Animal

Name :Delta Anne CD- BL- DP-
Reg.no :NL 738509987 Born :17/11/12
Sex :F
Breed :100%HF Color :BW

Conformation
M/yr Bas %r F Ds U F&L M Tot
GFw12/18 Z15 79 102 106 109 100 106

Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
GFw12/18 Z15 78 +1817 -0.37 -0.19 +38 +43 +284

Sire

Name :Cookiecutter Mom Hunter BY- CV- CD- BL- DP-
Reg.no :US 3000540481 Born :19/02/10

Breed :100%HF Color :BW
AI-code :940346
NVI :120

Milk. Sp. :104 Calv.eas. :101

Conformation
M/yr Bas %r F Ds U F&L M Tot
GFw12/18 Z15 99 103 107 105 100 105

Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
GFw12/18 Z15 99 +939 -0.12 -0.02 +28 +31 +202

Paternal grandsire

Name :Long-Langs Oman Oman BY- CV- CD- BL- DP-
Reg.no :US 135746776 Born :30/04/04
Milk. Sp. :101 Calv.eas. :107 NVI :102
FW 12/18 Z15 99 99 103 105 98 102
FW 12/18 Z15 99 +499 +0.15 +0.20 +35 +36 +230

Paternal granddam

Name :Cookiecutter Shthollerwood
Reg.no :US 65597532 Born :05/06/08

IFw 12/18 Z15 73 104 103 109 103 108
FW 12/18 Z15 55 +653 -0.20 -0.20 +9 +4 +68

Dam

Name :Vero Anne 47 CD- BL- DP-
Reg.no :NL 739020179 Born :22/04/10

Breed :100%HF Color :BW

Conformation
M/yr Bas %r F Ds U F&L M Tot
GFw12/18 Z15 83 102 106 106 100 105

Age St Tot
2.05 Z 81 82 86 80 83

Production
M/yr Bas %r KgM %fat %prot KgF KgP Inet
GFw12/18 Z15 87 +1712 -0.48 -0.24 +23 +35 +218

Age Days
2.02 398 12045 3.65 3.24 440 391
9823 3.59 3.22 353 316
3.04 26 1141 3.70 2.87 42 33
Total(2) 424 13186 3.65 3.21 482 424

Maternal grandsire

Name :De-Su Oman Goli-ET BY- CV- CD- BL- DP-
Reg.no :US 61681229 Born :04/03/04
Milk. Sp. :102 Calv.eas. :104 NVI :86
GFw12/18 Z15 99 104 104 103 101 104
GFw12/18 Z15 99 +393 -0.02 -0.06 +15 +8 +71

Maternal granddam

Name :Vero Anne 35 CD- BL- DP-
Reg.no :NL 472818154 Born :15/05/08

GFw12/18 Z15 87 106 105 104 103 106
4.09 Z 88 88 88 84 87

GFw12/18 Z15 92 +2242 -0.46 -0.16 +45 +60 +373
2.01 718 23105 3.91 3.56 904 823
11490 3.93 3.32 451 381
4.03 359 17459 3.52 3.38 615 590
15628 3.50 3.32 547 519
Total(2) 1077 40564 3.75 3.48 1519 1413

Reproduction status

Applicant :CRV Afd Foktechniek
Arnhem

00163627 RIS_013_1812