

Animal

7.4 Name :Het Meer Livingston
6 Number :NL 687678693 13.3 RFC BYF CVF CDF BLF
3 Breed :Holstein Friesian 7 Ident. :Eartag
4 Section :Main 8 Ped.verif :DNA
5 Sex :Male 9 Born :12.12.2014
Country :The Netherlands

13.1 Ib Base %R F T U L M T
Bv Type :
Bv prod. :GFw Z15 89 +1476 +0.06 +0.01 +69 +52

14 Service : 14.1 Service date :

Bull

Sire

Name :Apina Malcolm RFC BYF CVF CDF BLF
Number :NL 751519714 Ped.verif :DNA
Section :Main Born :28.09.2012

Bv Type :
Bv prod. :GFw Z15 97 +1645 -0.12 +0.03 +58 +61

Dam

Name :Het Meer Lucky Shot 23 CDF BLF DPF
Number :NL 742577479 Ped.verif :DNA
Section :Main Born :30.10.2012

Bv Type :
Bv prod. :GFw Z15 86 +1568 -0.08 -0.20 +58 +34
Prod :Age Days KgM %F %P KgF KgP
2.01 305 9646 4.36 3.28 421 317
4.06 305 10593 4.44 3.26 470 345

13.2 Publication date breeding values:
- Male :14.08.2019
- Female :22.08.2019

Paternal grand sire

Name :Batenburg G. Stellando RFC BYF CVF CDF BLF
Number :NL 727555328 Born :06.09.2010
Section :Main
Bv Type :
Bv prod. :GFw Z15 99 +658 +0.14 +0.14 +41 +36
S :Delta Fidelity NL 396647605
D :Batenburg Ginster 2545 NL 420808451

Paternal grand dam

Name :Apina Nadja BYF CDF BLF DPF
Number :NL 495754307 Born :29.11.2008
Section :Main
Bv Type :
Bv prod. :GFw Z15 96 +917 -0.04 -0.24 +35 +9
1st lac :2.01 305 9472 4.41 3.45 418 327
Best lac :5.00 305 13338 4.59 3.29 613 438
S :Ramos DE 341485350
D :Hf Qualsiasi IT 017990181447

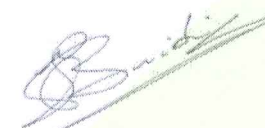
Maternal grand sire

Name :Mountfield Ssi Dcy Mogul BYF CVF CDF BLF RFF
Number :US 3006972816 Born :22.06.2010
Section :Main
Bv Type :
Bv prod. :FW Z15 99 +1155 +0.16 -0.12 +65 +28
S :Coyne-Farms Dorcy US 139005002
D :Mountfield Marsh Maxine US 62784081

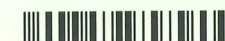
Maternal grand dam

Name :Lucky Shot 3400 CDF BLF DPF
Number :NL 467034000 Born :29.09.2006
Section :Main
Bv Type :
Bv prod. :GFw Z15 93 +889 -0.07 -0.10 +31 +21
1st lac :2.03 305 9256 4.23 3.39 391 314
Best lac :8.06 305 11803 4.29 3.23 506 381
S :Picston Shottle ET UK 598172
D :Abtshoeve Lucky Addi NL 268106946

15.1 Place : Arnhem
15.2 Date : 23.10.2019
15.3 Name : J.A.L. Buiting MBA Manager Herdbook
15.4 Signature :



NL 687678693



7869

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)



This Zootechnical Certificate is printed in accordance with Regulation (EU) 2017/717.

For language versions / footnotes go to: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32017R0717>

Certificate number
—

| | |
|---|---|
| A. Information on the donor male purebred breeding animal | |
| 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 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 687678693 | 6. Individual identification number for donor mail of the equine species — |
| 7. Identification of donor male | |
| 7.1. System Eartag | 8. Identity verification |
| 7.2. Individual identification number NL 687678693 | 8.1. Method DNA |
| 7.3. Animal health identification number | 8.2. Result Verified |
| 7.4. Name Het Meer Livingston | |
| 9. Date (dd.mm.yyyy) and country of birth of donor male 12.12.2014 The Netherlands | |
| 10. Name and address of breeder Melkveebedrijf Giesen, Angeren | |
| 11. Name and address of owner CRV Afd Foktechniek, Arnhem | |
| 12. The pedigree of the donor male | |
| 12.1. Sire Apina Malcolm NL 751519714 Main Section | 12.1.1. Paternal Grandsire Batenburg G. Stellando NL 727555328 Main Section |
| | 12.1.2. Paternal Granddam Apina Nadja NL 495754307 Main Section |
| 12.2. Dam Het Meer Lucky Shot 23 NL 742577479 Main Section | 12.2.1. Maternal Grandsire Mountfield Ssi Dcy Mogul US 3006972816 Main Section |
| | 12.2.2. Maternal Granddam Lucky Shot 3400 NL 467034000 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) 14.08.2019 (Male); 22.08.2019 (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 (see other page/attachment) | |
| B. Information on SEMEN: See attachment | |
| 15.1. Done at Arnhem | |
| 15.2. on 23.10.2019 | |
| 15.3. Name and capacity of the signatory J.A.L. BUITING, MANAGER HERDBOOK | |
| 15.4. Signature | |



dr. van haeringen laboratorium b.v.

a VHLGenetics company

Customer number 5

Analysis Certificate

Animal data

Name: LIVINGTON
Date of birth: 12.12.2014
Sex: Male
Reg. nr.: NL 687678693

Sample data

VHL_ID: R480898
Test ID-nr: 383830 4
Material: Hair

Parent data

Dam: NL 742577479 / VHL_ID: R484363 / Het Meer Lucky Shot 23
Sire: NL 751519714 / VHL_ID: R422908 / APINA MALCOLM

Parentage: Parentage qualifies, based on DNA-typing.

DNA markers:

| | | | | | | | |
|---------|-----|---|-----|----------|-----|---|-----|
| TGLA227 | 89 | / | 103 | INRA23 | 208 | / | 210 |
| BM2113 | 127 | / | | BM1818 | 262 | / | 264 |
| TGLA53 | 160 | / | | ETH3 | 117 | / | 129 |
| ETH10 | 213 | / | 225 | ETH225 | 148 | / | 150 |
| SPS115 | 248 | / | 252 | BM1824 | 188 | / | |
| SPS113 | 153 | / | 155 | CSRM60 | 102 | / | |
| RM067 | 92 | / | 96 | MGTG4B | 141 | / | 153 |
| TGLA126 | 115 | / | | CSSM66 | 183 | / | 189 |
| TGLA122 | 149 | / | 163 | ILSTS006 | 294 | / | |

W.A. van Haeringen, PhD
Executive Director

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 enclosed with the submission form. 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: R44976/Date of issue: 03.08.2017)

page 1 of 1 <end of report>



Pedigree

400 Lucky Shot 3400

Crv
Postbus 454
6800 AL ARNHEM
Tel: 026-3898700

Postbus 454, 6800 AL Arnhem

289890 Melkveebedrijf Giesen

Processing date 23/10/19

© CRV Arnhem

Animal

Name : Lucky Shot 3400 CD- BL- DP-
Reg.no : NL 467034000 Born : 29/09/06
Id. no. : 400 Sex : F
Breed : 100%HF Color : BW

| Conformation | | | | | | | | | |
|--------------|------|----|-------|-------|-------|------|------|------|--|
| M/yr | Bas | %r | F | Ds | U | F&L | M | Tot | |
| GFw8/19 | Z15 | 88 | 106 | 104 | 107 | 98 | | 105 | |
| Age | St | | | | | | | Tot | |
| 5.04 | Z | | 90 | 90 | 85 | 85 | | 87 | |
| Production | | | | | | | | | |
| M/yr | Bas | %r | KgM | %fat | %prot | KgF | KgP | Inet | |
| GFw8/19 | Z15 | 93 | +889 | -0.07 | -0.10 | +31 | +21 | +166 | |
| Age | Days | | | | | | | | |
| 2.03 | 570 | | 14190 | 4.29 | 3.56 | 608 | 505 | | |
| | | | 9256 | 4.23 | 3.39 | 391 | 314 | | |
| 4.08 | 620 | | 17429 | 4.40 | 3.50 | 766 | 609 | | |
| | | | 10183 | 4.38 | 3.28 | 446 | 334 | | |
| 6.07 | 618 | | 18171 | 4.01 | 3.41 | 729 | 620 | | |
| | | | 11435 | 3.92 | 3.21 | 449 | 368 | | |
| 8.06 | 454 | | 15881 | 4.25 | 3.38 | 676 | 537 | | |
| | | | 11803 | 4.29 | 3.23 | 506 | 381 | | |
| Total(4) | 2262 | | 65671 | 4.23 | 3.46 | 2779 | 2271 | | |

Reproduction status

10 Breeder : L van Zandwijk
Kapel Avezaath

Applicant : CRV Afd Foktechniek
Arnhem

Sire

Name : Picston Shottle ET BY- CV- CD- BL- MF-
Reg.no : UK 598172 Born : 23/07/99

Breed : 100%HF Color : BW
AI-code : 763222
NVI : 127

| Milk. Sp. : 97 Calv.eas. : 95 | | | | | | | | | |
|-------------------------------|-----|----|------|-------|-------|-----|-----|------|--|
| Conformation | | | | | | | | | |
| M/yr | Bas | %r | F | Ds | U | F&L | M | Tot | |
| FW 8/19 | Z15 | 99 | 102 | 105 | 108 | 99 | | 105 | |
| Production | | | | | | | | | |
| M/yr | Bas | %r | KgM | %fat | %prot | KgF | KgP | Inet | |
| FW 8/19 | Z15 | 99 | +890 | -0.23 | -0.26 | +16 | +6 | +74 | |

Dam

Name : Abtshoeve Lucky Addi CV-
Reg.no : NL 268106946 Born : 26/03/00

Breed : 100%HF Color : BW

| Conformation | | | | | | | | | |
|--------------|------|----|-------|-------|-------|------|------|------|--|
| M/yr | Bas | %r | F | Ds | U | F&L | M | Tot | |
| FW 8/19 | Z15 | 90 | 101 | 102 | 100 | 102 | | 102 | |
| Age | St | | | | | | | Tot | |
| 5.11 | Z | | 89 | | 92 | 87 | | 90 | |
| Production | | | | | | | | | |
| M/yr | Bas | %r | KgM | %fat | %prot | KgF | KgP | Inet | |
| FW 8/19 | Z15 | 93 | +992 | -0.42 | -0.16 | +1 | +19 | +94 | |
| Age | Days | | | | | | | | |
| 2.03 | 560 | | 16920 | 3.98 | 3.77 | 673 | 639 | | |
| | | | 10288 | 3.83 | 3.64 | 394 | 375 | | |
| 3.10 | 470 | | 15034 | 4.06 | 3.63 | 610 | 546 | | |
| | | | 11495 | 3.94 | 3.51 | 453 | 404 | | |
| 5.04 | 730 | | 22488 | 4.24 | 3.68 | 953 | 828 | | |
| | | | 12964 | 4.09 | 3.54 | 530 | 458 | | |
| 7.08 | 360 | | 15068 | 3.96 | 3.34 | 596 | 504 | | |
| | | | 13832 | 3.90 | 3.25 | 539 | 449 | | |
| 8.09 | 333 | | 12624 | 3.84 | 3.31 | 485 | 417 | | |
| | | | 11894 | 3.82 | 3.30 | 454 | 392 | | |
| Total(5) | 2453 | | 82134 | 4.04 | 3.57 | 3317 | 2934 | | |

Paternal grandsire

Name : Carol Prelude Mtoto ET CV- CD- BL- DP-
Reg.no : IT VTA0001962 Born : 13/07/93
Milk. Sp. : 86 Calv.eas. : 104 NVI : 130
FW 8/19 Z15 99 102 105 100 101 102
FW 8/19 Z15 99 +500 -0.19 -0.28 +4 -9 -20

Paternal granddam

Name : Condon Aero Sharon
Reg.no : CA 5373153 Born : 01/06/93
FW 8/19 Z15 63 94 98 101 98 97
FW 8/19 Z15 60 -337 -0.06 -0.13 -19 -23 -101

Maternal grandsire

Name : Etazon Addison BY- CV- CD- BL- MF-
Reg.no : NL 839380546 Born : 09/03/94
Milk. Sp. : 101 Calv.eas. : 103 NVI : -5
GFw8/19 Z15 99 107 102 96 95 98
GFw8/19 Z15 99 +1657 -0.75 -0.30 -8 +26 +114

Maternal granddam

Name : Abtshoeve Lucky Jabot 2 BL-
Reg.no : NL 193304754 Born : 08/01/97
FW 8/19 Z15 70 93 98 96 101 96
2.05 Z 85 85 83 85
FW 8/19 Z15 71 -387 +0.36 +0.13 +14 -3 +12
2.02 332 9201 4.44 3.73 409 343
8750 4.40 3.71 385 324
Total(1) 332 9201 4.44 3.73 409 343

00101815 IRS_013.1910