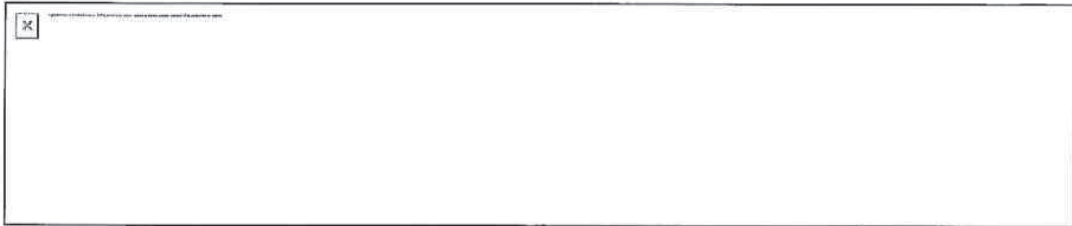


Ann Wepener

From: Pierre van Nieuwenhuizen <pierre@cosmogroupsa.co.za>
Sent: 30 November 2023 01:59 PM
To: Ann Wepener
Subject: Chianina's
Attachments: 20231130125917806.pdf; 20231130125848939.pdf; 20231130125820227.pdf; 20231130125741762.pdf; 20231130125709753.pdf; 20231130125635313.pdf; 20231130130249526.pdf; 20231130130211561.pdf; 20231130130140033.pdf; 20231130130105010.pdf; 20231130130023016.pdf; 20231130125950711.pdf



Hi Ann,

Sien aangehegde dokumentasie, teken asb die geboortes aan op die stelsel sodat hulle gekeur kan word.

Stuur ook asb die keuring vorms deur.

Groete,



Pierre van Nieuwenhuizen
Founder and CEO
449 Pretoria Road, Silverton | Pretoria |
0184 | South Africa
+27 12 846 3300 | Office
+27 82 445 9709 | Mobile
pierre@cosmogroupsa.co.za



www.cosmogroupsa.co.za



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DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U005
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0214
Animal Name :	PVN23-0214
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-02-20
Gender :	Female
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	182	188
BM2113	135	141
CSRM60	92	102
GSSM66	185	185
ETH10	217	219
ETH225	140	148
ETH3	115	117
ILSTS006	294	294
INRA23	206	216
SPS115	252	260
TGLA122	149	151
TGLA126	123	123
TGLA227	81	93
TGLA53	154	172

Created date: 01-Jun-2023 13:26

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:14

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestor. This Certificate replaces all previously issued certificates.

Disclaimer:

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CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | OL12712 |
| 6. REGISTRATION OF DONOR COW | OL12712 |
| 7. IDENTIFICATION OF DONOR COW | OL12712 |
| 8. LABORATORY NUMBER OF DONOR COW | |
| 9. FULL NAME OF DONOR BULL | PASCIA DELLA FAVORITA |
| 10. REGISTRATION OF DONOR BULL | 80807514 |
| 11. IDENTIFICATION OF DONOR BULL | PASCIA |
| 12. LABORATORY NUMBER OF DONOR BULL | 293293 |
| 13. DATE OF INSEMINATION | 13 Jul 2022 |
| 14. BATCH NUMBER OF SEMEN | |

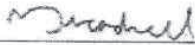

SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 20 Jul 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.


SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN029 |
| 22. COLOUR OF RECIPIENT | YELLOW |
| 23. EMBRYO TRANSFER DATE | 17 May 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 24-10-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U003
Owernname :	PJ van Nieuwenhuizen

Tag No :	PVN23-0212
Animal Name :	PVN23-0212
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-01-18
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	180	182
BM2113	141	141
CSRM60	100	102
CSSM66	179	185
ETH10	219	219
ETH225	148	154
ETH3	115	115
ILSTS006	288	294
INRA23	214	216
SPS115	248	248
TGLA122	151	151
TGLA126	115	123
TGLA227	81	93
TGLA53	154	154

Created date: 01-Jun-2023 13:26

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:14

DNA profile analysed to ISAG specification(2021/2022)

Page 1

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CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | URLO |
| 10. REGISTRATION OF DONOR BULL | URLO |
| 11. IDENTIFICATION OF DONOR BULL | URLO |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 31 Mar 2022 |
| 14. BATCH NUMBER OF SEMEN | |

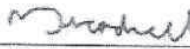

SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 07 Apr 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.

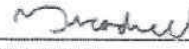

SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN008 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 07 Apr 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U011
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0220
Animal Name :	PVN23-0220
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-03-19
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	266	266
BM1824	182	188
BM2113	135	141
CSRM60	96	102
CSSM66	179	185
ETH10	219	219
ETH225	140	154
ETH3	117	129
ILSTS006	288	292
INRA23	208	216
SPS115	248	248
TGLA122	143	143
TGLA126	117	123
TGLA227	93	93
TGLA53	154	170

Created date: 01-Jun-2023 13:28

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:16

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the promise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

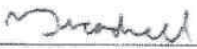
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | LUPIN |
| 10. REGISTRATION OF DONOR BULL | LUPIN |
| 11. IDENTIFICATION OF DONOR BULL | LUPIN |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 27 May 2022 |
| 14. BATCH NUMBER OF SEMEN | |


SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 03 Jun 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

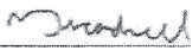
16. 
SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN015 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 03 Jun 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd
An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U007
Owernname :	PJ van Nieuwenhuizen

Tag No :	PVN23-0216
Animal Name :	PVN23-0216
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-03-08
Gender :	Female
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	266	266
BM1824	188	188
BM2113	141	141
CSRM60	100	102
CSSM66	185	185
ETH10	219	219
ETH225	140	140
ETH3	115	129
ILSTS006	292	296
INRA23	208	216
SP5115	248	260
TGLA122	143	143
TGLA126	115	123
TGLA227	81	93
TGLA53	154	160

Created date: 01-Jun-2023 13:27

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:15

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestor. This Certificate replicates all previously issued certificates.

Disclaimer:

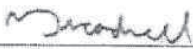
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CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

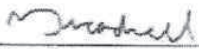
- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | LUPIN |
| 10. REGISTRATION OF DONOR BULL | LUPIN |
| 11. IDENTIFICATION OF DONOR BULL | LUPIN |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 31 Mar 2022 |
| 14. BATCH NUMBER OF SEMEN | |


SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 07 Apr 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

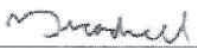
16. 
SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | NGUNI |
| 20. RECIPIENT BREED CODE | 225 |
| 21. IDENTIFICATION OF RECIPIENT | PVN003 |
| 22. COLOUR OF RECIPIENT | RED & WHITE |
| 23. EMBRYO TRANSFER DATE | 07 Apr 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U004
Owername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0213
Animal Name :	PVN23-0213
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-02-19
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	266	266
BM1824	180	188
BM2113	141	141
CSRM60	92	102
CSSM66	179	185
ETH10	217	219
ETH225	140	140
ETH3	115	115
ILSTS006	292	294
INRA23	206	216
SPS115	250	260
TGLA122	143	149
TGLA126	121	123
TGLA227	81	91
TGLA53	154	154

Created date: 01-Jun-2023 13:26

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:14

DNA profile analysed to ISAG specification(2021/2022)

Page 1

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CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | OL12712 |
| 6. REGISTRATION OF DONOR COW | OL12712 |
| 7. IDENTIFICATION OF DONOR COW | OL12712 |
| 8. LABORATORY NUMBER OF DONOR COW | |
| 9. FULL NAME OF DONOR BULL | PASCIA DELLA FAVORITA |
| 10. REGISTRATION OF DONOR BULL | 80807514 |
| 11. IDENTIFICATION OF DONOR BULL | PASCIA |
| 12. LABORATORY NUMBER OF DONOR BULL | 293293 |
| 13. DATE OF INSEMINATION | 13 Jul 2022 |
| 14. BATCH NUMBER OF SEMEN | |

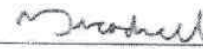

SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 20 Jul 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.

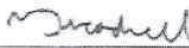

SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | BEEFMASTER |
| 20. RECIPIENT BREED CODE | 233 |
| 21. IDENTIFICATION OF RECIPIENT | PVN005 |
| 22. COLOUR OF RECIPIENT | RED |
| 23. EMBRYO TRANSFER DATE | 17 May 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 24-10-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U008
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0217
Animal Name :	PVN23-0217
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-03-12
Gender :	Female
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	182	188
BM2113	135	141
CSRM60	100	102
CSSM66	179	185
ETH10	217	219
ETH225	140	154
ETH3	117	129
ILSTS006	288	292
INRA23	208	216
SPS145	248	260
TGLA122	143	151
TGLA126	123	123
TGLA227	93	93
TGLA53	160	170

Created date: 01-Jun-2023 13:27

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:16

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the promise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

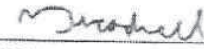
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CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | LUPIN |
| 10. REGISTRATION OF DONOR BULL | LUPIN |
| 11. IDENTIFICATION OF DONOR BULL | LUPIN |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 27 May 2022 |
| 14. BATCH NUMBER OF SEMEN | |


SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 03 Jun 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16. 
SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN014 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 03 Jun 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023
DATE

25. 
SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd
An Associated Company of The Unistel Group
Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U009
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0218
Animal Name :	PVN23-0218
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-03-13
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	188	188
BM2113	135	141
CSRM60	96	102
CSSM66	179	185
ETH10	219	219
ETH225	144	154
ETH3	115	115
ILSTS006	288	292
INRA23	208	216
SPS115	248	248
TGLA122	143	143
TGLA126	117	123
TGLA227	79	93
TGLA53	160	170

Created date: 01-Jun-2023 13:28	Received date: 19-May-2023 08:31	Report date: 23-Aug-2023 06:16	DNA profile analysed to ISAG specification(2021/2022)	Page 1
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Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

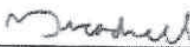
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract!

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | LUPIN |
| 10. REGISTRATION OF DONOR BULL | LUPIN |
| 11. IDENTIFICATION OF DONOR BULL | LUPIN |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 27 May 2022 |
| 14. BATCH NUMBER OF SEMEN | |


SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 03 Jun 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.


SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN004 |
| 22. COLOUR OF RECIPIENT | YELLOW |
| 23. EMBRYO TRANSFER DATE | 03 Jun 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023
DATE

25. 
SIGNATURE

Batch Detail Report

Batch : 13418U
Owner : P.J van Nieuwenhuizen
Farm : Pallaagie Distrik Roedjan

Created : 2023-05-22

Account :
Origin : PRIVATE
Invoice To : Owner

SAMPLE	ANIMAL	SPECIES	BREED	DATA	SITE	TEST	Threats Type	RESULT	PIVOT
13418U001	PVN23-0210 (F,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	URL0 (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U002	PVN23-0211 (M,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	URL0 (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U003	PVN23-0212 (M,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	URL0 (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U004	PVN23-0213 (M,72)	CATTLE	CHIANINA (72)	OL12-0712 (F,72)(Valid)	PASCIA (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U005	PVN23-0214 (F,72)	CATTLE	CHIANINA (72)	OL12-0712 (F,72)(Valid)	PASCIA (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U006	PVN23-0215 (F,72)	CATTLE	CHIANINA (72)	OL12-0712 (F,72)(Valid)	PASCIA (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U007	PVN23-0216 (F,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	LUPIN (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U008	PVN23-0217 (F,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	LUPIN (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS
13418U009	PVN23-0218 (M,72)	CATTLE	CHIANINA (72)	OL16-0317 (F,72)(Valid)	LUPIN (M,72)(Valid)	PAR_C	Hair	DVSV : Dam Valid, Sire Valid	PD160523BS

Report Date : 16-Oct-2023 08:42

Page : 1

Unisel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates. Disclaimer: While every reasonable effort is made to prevent faulty results, Unisel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. The results relate only to the samples tested. Should gross negligence be proven, the claim shall not exceed the value of the contract. Please note: some STR profiles used in percentage analysis may have been sourced from another laboratory. While every reasonable effort is made to prevent incorrect results, Unisel Medical Laboratories does not accept any responsibility for percentage mismatches due to incompatible marker scoring strategies between laboratories. Unisel Medical Laboratories participates in ISAG comparison testing and therefore incorporates international scoring standards in the generation of our STR profiles.

CHARNÉ ROSSOUW
DIVISION MANAGER

SAMPLE	ANIMAL	SPECIES	BREED	SEX	SIRE	TEST	Trace Type	RESULT	INVOICE
13418U010	PVN23-0219 (M,72)	CATTLE	CHIANINA (72)	OL-16-0317 (F,72)(Valid)	LUPIN (M,72)(Valid)	PAR_C	Hair	Valid DVSU : Dam Valid, Sire Valid	PD1605238S
13418U011	PVN23-0220 (M,72)	CATTLE	CHIANINA (72)	OL-16-0317 (F,72)(Valid)	LUPIN (M,72)(Valid)	PAR_C	Hair	DVSU : Dam Valid, Sire Valid	PD1605238S

Report Date : 16-Oct-2023 08:42

Page : 2

Unisel report these results on the premise that the biological samples received are from the individuals nominated by the owner/breeder/requester. This Certificate replaces all previously issued certificates.

Disclaimer: While every reasonable effort is made to prevent faulty results, Unisel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. The results relate only to the samples tested. Should gross negligence be proven, the claim shall not exceed the value of the contract.

Please note: some STR profiles used in parentage analysis may have been sourced from another laboratory. While every reasonable effort is made to prevent incorrect results, Unisel Medical Laboratories does not accept any responsibility for parentage mismatches due to incompatible marker scoring strategies between laboratories. Unisel Medical Laboratories participates in ISAG comparison testing and therefore incorporates international scoring standards in the generation of our STR profiles.

CHARNÉ ROSSOUW
DIVISION MANAGER



DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U002
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0211
Animal Name :	PVN23-0211
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-01-13
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	188	188
BM2113	141	141
CSRM60	96	102
CSSM66	179	185
ETH10	219	219
ETH225	140	154
ETH3	115	117
ILSTS006	292	292
INRA23	214	216
SPS115	248	260
TGLA122	143	169
TGLA126	115	123
TGLA227	93	93
TGLA53	154	176

Created date: 01-Jun-2023 13:25	Received date: 19-May-2023 08:31	Report date: 23-Aug-2023 06:14	DNA profile analysed to ISAG specification(2021/2022)	Page 1
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Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | URLO |
| 10. REGISTRATION OF DONOR BULL | URLO |
| 11. IDENTIFICATION OF DONOR BULL | URLO |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 31 Mar 2022 |
| 14. BATCH NUMBER OF SEMEN | |



SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

- | | |
|------------------------------|-------------|
| 15. FLUSHING DATE OF EMBRYOS | 07 Apr 2022 |
|------------------------------|-------------|

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.



SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

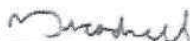
- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN006 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 07 Apr 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023

DATE

25.



SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U010
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0219
Animal Name :	PVN23-0219
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-03-17
Gender :	Male
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	188	188
BM2113	135	141
CSRM60	96	102
CSSM66	179	185
ETH10	219	219
ETH225	140	144
ETH3	115	117
ILSTS006	292	296
INRA23	214	216
SPS115	248	260
TGLA122	143	151
TGLA126	115	117
TGLA227	81	93
TGLA53	154	154

Created date: 01-Jun-2023 13:28

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:16

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the promise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

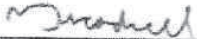
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract.

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | LUPIN |
| 10. REGISTRATION OF DONOR BULL | LUPIN |
| 11. IDENTIFICATION OF DONOR BULL | LUPIN |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 27 May 2022 |
| 14. BATCH NUMBER OF SEMEN | |



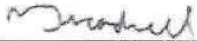
SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 03 Jun 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.



SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN018 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 03 Jun 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023

DATE

25.



SIGNATURE



DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U006
Ownername :	PJ van Nieuwenhuizen

Tag No :	PVN23-0215
Animal Name :	PVN23-0215
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-02-25
Gender :	Female
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	264	266
BM1824	182	188
BM2113	135	141
CSRM60	92	102
CSSM66	185	185
ETH10	217	219
ETH225	140	148
ETH3	115	117
ILSTS006	292	294
INRA23	214	216
SPS115	248	250
TGLA122	143	149
TGLA128	121	123
TGLA227	81	91
TGLA53	154	172

Created date: 01-Jun-2023 13:27

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:15

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the promise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

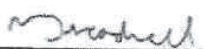
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | OL12712 |
| 6. REGISTRATION OF DONOR COW | OL12712 |
| 7. IDENTIFICATION OF DONOR COW | OL12712 |
| 8. LABORATORY NUMBER OF DONOR COW | |
| 9. FULL NAME OF DONOR BULL | PASCIA DELLA FAVORITA |
| 10. REGISTRATION OF DONOR BULL | 80807514 |
| 11. IDENTIFICATION OF DONOR BULL | PASCIA |
| 12. LABORATORY NUMBER OF DONOR BULL | 293293 |
| 13. DATE OF INSEMINATION | 13 Jul 2022 |
| 14. BATCH NUMBER OF SEMEN | |

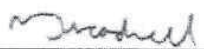

SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 20 Jul 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.


SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

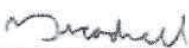
- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHIANINA |
| 20. RECIPIENT BREED CODE | 221 |
| 21. IDENTIFICATION OF RECIPIENT | PVN017 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 17 May 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 24-10-2023

DATE

25.


SIGNATURE

DNA Report

Unistel Medical Laboratories (Pty) Ltd

An Associated Company of The Unistel Group

Tel: Main Switchboard - 021 007 5617
Email: info@unistelmedical.co.za

Test Method :	Fragment Analysis (STR)
Batch No :	13418U
Sample # :	13418U001
Ownername :	PJ van Nieuwenhuizen

Tag No :	PV/N23-0210
Animal Name :	PV/N23-0210
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	CHIANINA
Registration Id :	
Birth Date :	2023-01-10
Gender :	Female
DNA Ref. No :	
Tissue Type	Hair

Marker	Allele1	Allele2
BM1818	266	266
BM1824	180	188
BM2113	141	141
CSRM60	96	102
CSSM66	179	185
ETH10	217	219
ETH225	140	140
ETH3	117	119
ILSTS006	288	294
INRA23	208	216
SPS115	248	248
TGLA122	143	151
TGLA126	123	123
TGLA227	79	93
TGLA53	160	176

Created date: 01-Jun-2023 13:25

Received date: 19-May-2023 08:31

Report date: 23-Aug-2023 06:13

DNA profile analysed to ISAG specification(2021/2022)

Page 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requester. This Certificate replaces all previously issued certificates.

Disclaimer:

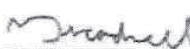
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract

CHARNÉ ROSSOUW
DIVISION MANAGER

SCHEDULE O INOVULATION CERTIFICATE

A) DONOR INSEMINATION SECTION

- | | |
|-------------------------------------|--------------------------|
| 1. DOCUMENT CODE | 2291 |
| 2. BREED CODE | 221 |
| 3. MEMBER NUMBER - OWNER OF DONOR | 0695391CIA |
| 4. MEMBER NAME - OWNER OF DONOR COW | VAN NIEUWENHUIZEN PIERRE |
| 5. FULL NAME OF DONOR COW | O-LA-LA OL 160317 |
| 6. REGISTRATION OF DONOR COW | 92410778 |
| 7. IDENTIFICATION OF DONOR COW | OL16317 |
| 8. LABORATORY NUMBER OF DONOR COW | U8545U001 |
| 9. FULL NAME OF DONOR BULL | URLO |
| 10. REGISTRATION OF DONOR BULL | URLO |
| 11. IDENTIFICATION OF DONOR BULL | URLO |
| 12. LABORATORY NUMBER OF DONOR BULL | |
| 13. DATE OF INSEMINATION | 31 Mar 2022 |
| 14. BATCH NUMBER OF SEMEN | |


SIGNATURE OF INSEMINATOR

B) EMBRYO FLUSHING SECTION

15. FLUSHING DATE OF EMBRYOS 07 Apr 2022

I HERE WITH CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THE EMBRYOS WERE FLUSHED, PROCESSED AND MARKED CORRESPONDING TO ACT 25 OF 1977.

16.


SIGNATURE OF VETERINARIAN

C) EMBRYO TRANSFER SECTION

- | | |
|--|--------------------------|
| 17. MEMBER NUMBER - OWNER OF RECIPIENT COW | 0695391CIA |
| 18. MEMBER NAME - OWNER OF RECIPIENT COW | VAN NIEUWENHUIZEN PIERRE |
| 19. RECIPIENT BREED | CHAROLAIS |
| 20. RECIPIENT BREED CODE | 216 |
| 21. IDENTIFICATION OF RECIPIENT | PVN016 |
| 22. COLOUR OF RECIPIENT | WHITE |
| 23. EMBRYO TRANSFER DATE | 07 Apr 2022 |

I HEREBY CERTIFY THAT I HAVE PERFORMED THE ABOVE-MENTIONED OVUM TRANSFER WITH AN OVUM AS SPECIFIED ABOVE.

24. 02-09-2023

DATE

25.


SIGNATURE