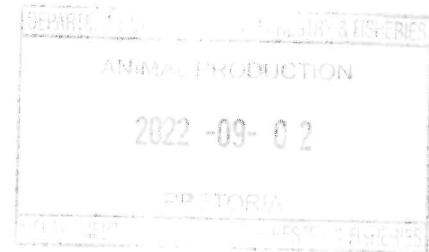




# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA



**VETERINARY MASTER PERMIT NO: NO MASTER**

**VALID FROM: 2022/09/02  
EXPIRY DATE: 2023/03/01**

## **IMPORTATION OF SEMEN: AUTHORISATION NO. S0291/22-1**

(Issued in terms of section 16 of the Animal Improvement Act, 1998)

Expiry date: **2023/03/01** for Authorization No. **S0291/22-1**

Authorization is hereby granted to: **ABS SOUTH AFRICA.**

of: **PO BOX 1143, CAPE GATE, 7562.**

for the importation **BOVINE** semen of the **ANGUS** breed  
from (country of origin): **USA.**

**Semen will be cleared by:  
ABS SOUTH AFRICA.**

| Name of Animals | Reg. No. | Number of doses |
|-----------------|----------|-----------------|
| FULL PACKAGE    | 29AN2206 | 30              |
| ALLEGIANCE      | 29AR0268 | 27              |
| PROPULSION      | 29AR0280 | 40              |
| FREE STYLE      | 29AR0281 | 10              |
| PRIME PLUS      | 29AR0284 | 100             |

**ORIGEN 10 W ARROW CREEK RD HUNTLEY, MT 59037, USA.**

**TOTAL: 207**

### **CONDITION**

- Certification by the exporting country that the number of unfrozen (live) spermatozoa per dose complies with the minimum amount specified on the reverse side of this document.**
- DNA profiles must be provided to the Registrar of Animal Improvement, and the relevant Breeders Society before release from quarantine, if not available at time of importation.**

This authorization is subject to the compliance with the veterinary requirements set out in the attached permit and is also subject thereto that the intended importation meets with all the provisions of the said Act. This authorization does not exempt the importer from the provisions of any other law. This authorization may withdrawn by the Registrar should any false information be discovered in the application. This authorization is also not transferable. Imported semen shall under no circumstances be transferred, sold, given or donated to may other person or body unless prior written approval from the Registrar has been obtained. Any such approval shall be considered as new application for the importation of semen.

**REGISTRAR: ANIMAL IMPROVEMENT**

**DATE: 2022/09/02**

**TABLE 5**  
**LIVE SPERMATOZOA IN A DOSE OF SEMEN**

[Reg. 11 (2) (e)]

| <b>Kinds of animals</b>            | <b>Minimum amount</b> | <b>Line</b> |
|------------------------------------|-----------------------|-------------|
| <b>1. Goats</b>                    |                       |             |
| (a) Unfrozen semen                 |                       |             |
| (i) for servical Insemination      | 80 million            | 60%         |
| (ii) for laparoscopic insemination | 10 million            | 60%         |
| (b) Frozen semen                   |                       |             |
| (i) for servical insemination      | 80 million            | 30%         |
| (ii) for laparoscopic insemination | 20 million            | 30%         |
| <b>2. Horses</b>                   |                       |             |
| (a) Unfrozen semen                 | 500 million           | 25%         |
| (b) Frozen                         | 200 million           | 25%         |
| <b>3. Sheep</b>                    |                       |             |
| (a) Unfrozen semen                 |                       |             |
| (i) for servical insemination      | 80 million            | 60%         |
| (ii) for laparoscopic insemination | 10 million            | 60%         |
| (b) Frozen semen                   |                       |             |
| (i) for servical insemination      | 80 million            | 30%         |
| (ii) for laparoscopic insemination | 20 million            | 30%         |
| <b>4. Pigs</b>                     |                       |             |
| (a) Unfrozen semen                 | 1500 million          | 70%         |
| (b) Frozen semen                   | 1500 million          | 30%         |
| <b>5. Cattle</b>                   |                       |             |
| Frozen (Post thawing)              | 5 million             | 35%         |



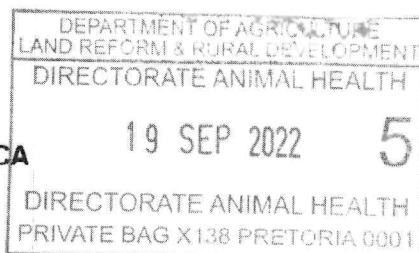
# agriculture, land reform & rural development

Department:  
Agriculture, Land Reform and Rural Development  
REPUBLIC OF SOUTH AFRICA

Directorate of Animal Health  
Import-Export Policy Unit  
Private Bag X138  
Pretoria, 0001  
Republic of South Africa

Tel: (27)-012-3197514  
Fax: (27)-012-3298292

**IMPORTERS:**  
**ABS SOUTH AFRICA**  
**P O BOX 1143**  
**CAPE GATE**  
**7562**



Permit no: 13/1/1/15/2/4-  
2022/09/002772  
Valid from: 2022-09-19  
Expiry date: 2023-03-19

## **VETERINARY IMPORT PERMIT FOR BOVINE SEMEN FROM THE UNITED STATES OF AMERICA** [Issued in terms of the Animal Diseases Act, 1984 (Act No. 35 of 1984)]

With reference to Permit No **S0291/22-1** date **2022-09-02** issued in your favour by the Registrar, Animal Improvement Act, 1998 authority is hereby granted to introduce into the Republic of South Africa **207** doses of semen provided that the following conditions are complied with:

1. By making use of this veterinary import permit, the importer, named above, accepts the sole responsibility to ensure that all the conditions stated in this veterinary import permit and the veterinary health certificate on the overleaf, are complied with in full.
2. The consignment may only be exported from the **United States of America** to South Africa, and may not travel by land, air or ship through any third country or area, unless written permission is granted by the Director Animal Health.
3. The consignment must be accompanied by:

3.1 this original import permit and

3.2 the agreed upon model health certificate, completed by an official veterinarian duly authorised by the USDA, certifying the following conditions:

3.2.1 The donor bulls have been housed at an artificial insemination (AI) center which is recognized by the United States Department of Agriculture as approved to produce bovine semen for export. Bulls are entered into the production unit by a system of quarantine and testing and the production unit is tested semi annually for diseases of concern. The bulls were continuously resident within the center for at least one month prior to collection of Semen for South Africa, and in that time were not used for natural mating.

3.2.2 The United States is free of Foot-and-mouth-disease without vaccination, rinderpest, surra, and contagious bovine pleuropneumonia.

3.2.3 The AI center has been clinically free of infectious bovine rhinotracheitis (IBR) and bovine viral diarrhea (BVD), enzootic bovine leucosis (EBL), Johnes disease for at least 12 months prior to collection of semen for export.

3.2.4 The donors were tested and examined prior to entry, during isolation before entering the resident herd, and before semen release for bovine viral diarrhea virus in accordance with the CSS Minimum Requirements and found free from this disease.

3.2.5 The following antibiotics have been added to the semen and the extender during processing:

- 3.2.5.1 Gentamycin 250 mcg per ml;
- 3.2.5.2 Tylosin 50 mcg per ml
- 3.2.5.3 Lincomycin 150 mcg per ml; and
- 3.2.5.4 Spectinomycin 300 mcg per ml.

3.2.6 To the best of the knowledge of the certifying veterinarian, the semen is free from contamination of pathogenic microorganisms. The semen was examined microscopically and no evidence of blood cells was found.

3.2.7 The donor bulls were negative to the following tests within 6 months prior or 6 months after to the collection of the semen for export:

- 3.2.7.1 Brucellosis: Complement fixation (CF), buffered Brucella antigen test, SPT/SST OR other official USDA APHIS approved test
- 3.2.7.2 Tuberculosis: Intradermal caudal fold test using bovine PPD Tuberculin
- 3.2.7.3 Campylobacteriosis: Culture of preputial washings OR Polymerase chain reaction (PCR) of preputial washings
- 3.2.7.4 Trichomoniasis: Culture of preputial washings OR PCR of preputial washings
- 3.2.7.5 Leptospirosis: Microtiter agglutination test at the 1:400 dilution for serotypes L Canicola, L Grippotyphosa, and L Icterohaemorrhagiae
- 3.2.7.6 IBR: Serum neutralization (SN) test at 1:8 dilution or Elisa test or virus isolation of an aliquot of the semen being exported or PCR of an aliquot of the semen being exported.
- 3.2.7.7 Paratuberculosis: Complement fixation test at 1:8 dilution OR ELISA test OR PCR of an aliquot of the semen being exported OR Fecal culture within 12 months prior to semen collection

- 4. The semen must be adequately, securely and hygienically packed in flasks which were cleansed and disinfected and containing unused cryogenic material; sealed under veterinary supervision and conveyed by air to **CAPE TOWN INTERNATIONAL AIRPORT** (Port of entry).
- 5. The arrival of the consignment must be reported to the State Veterinarian **CAPE TOWN** Tel: **021 421 0270/1** Fax: **021 421 9985** and may not be removed from the place/port of entry without his/her permission and subject to any conditions imposed by such written permission.
- 6. The animals which have been inseminated with the imported semen may not be removed from the property for a period of at least thirty (30) days after insemination.
- 7. Any illness or death of cattle during this period of restriction must immediately be reported to the State Veterinarian of the area.
- 8. Full records of all sales reflecting the specific end users of the semen must be kept on file and made available to the Directorate of Animal Health on request.
- 9. The container and receptacles in which the semen is transported as well as all insemination apparatus used must be disinfected to the satisfaction of the State Veterinarian concerned.
- 10. This permit is valid for one consignment and is subject to amendment or cancellation by the Director Animal Health of the Republic of South Africa at any time without prior notice being given.

  
PP **DIRECTOR: ANIMAL HEALTH**

**NOTE:**

From 1<sup>st</sup> January 2005 any consignment imported into South Africa packed with either wood packing material or dunnage, will require treatment to remove any pests present (by heat or methyl bromide fumigation). Treatment must be indicated on packing material. [Enquiries: Directorate Plant Health & Quality Fax: 012 319 6350 or [www.nda.agric.za](http://www.nda.agric.za)]

# Red Angus Association of America

SUTH FREE STYLE 38G

02/15/2019

Polled Red Angus Bull

4128342

Name

Birth Date

Registration Number

38G

Tattoo

| Name                      | RAA Number | Identification | Birth Date | Foreign Number | 5th Generation                 |
|---------------------------|------------|----------------|------------|----------------|--------------------------------|
| BIEBER ROUGH RIDER 10712  | 1101852    | 10712          | 06/08/2006 |                | Sire BASIN TREND SETTER 6074   |
| BIEBER ROOSEVELT W384     | 1311829    | W384           | 03/01/2009 |                | Dam BIEBER ADELLE 8958         |
| BIEBER SHEBA 9602         | 905977     | 9602           | 02/25/2003 |                | Sire C A FUTURE DIRECTION 5321 |
| BIEBER ROLLIN DEEP Y118   | 1436844    | Y118           | 02/10/2011 |                | Dam BIEBER SHEBA 5537          |
| BIEBER BOONE 8000         | 731189     | 8000           | 04/02/2000 |                | Sire BIEBER BOONE 6927         |
| BIEBER TILLY 399W         | 1311803    | 399W           | 02/27/2009 |                | Dam BIEBER QUE 6007            |
| BIEBER TILLY 303S         | 1099596    | 303S           | 02/21/2006 |                | Sire RITO 112 OF 2536 RITO 616 |
| BIEBER DEEP END B597      | 1694338    | B597           | 05/10/2014 |                | Dam BIEBER TILLY 7334          |
| LJC LANCER 806            | 607513     | 806            | 02/07/1998 |                | Sire BECKTON LANCER T A664     |
| LJC MISSION STATEMENT P27 | 960383     | P27            | 02/23/2004 |                | Dam LJC HB LIZZIE 606          |
| LJC HANNAH 106            | 780783     | 106            | 02/08/2001 |                | Sire HOLDEN HI HO 753          |
| BIEBER LAURA 158W         | 1311673    | 158W           | 02/17/2009 |                | Dam LJC KJ JAMIE 516           |
| C A FUTURE DIRECTION 5321 | 3303457    |                | 02/16/1995 |                | Sire G A R PRECISION 1680      |
| BASIN LAURA 5301          | 1051953    | 5301           | 01/28/2005 |                | Dam C A MISS POWER FIX 308     |
| BASIN LAURA 3673          | 914573     | 3673           | 03/03/2003 |                | Sire BASIN EXT H695            |
|                           |            |                |            |                | Dam BASIN LAURA 211F           |

## SUTH FREE STYLE 38G

4128342

02/15/2019

38G

|                            |         |      |            |  |                              |
|----------------------------|---------|------|------------|--|------------------------------|
| MESSMER JOSHUA 019P        | 969339  | 019P | 02/17/2004 |  | Sire BECKTON JULIAN GG B571  |
| MESSMER PACKER S008        | 1109534 | S008 | 02/12/2006 |  | Dam MESSMER PANDORA M186     |
| MESSMER MILLIE 124P        | 969162  | 124P | 03/14/2004 |  | Sire VGV TOP PICK 130        |
| GMRA TRILOGY 0226          | 1367533 | 0226 | 01/14/2010 |  | Dam MESSMER MILLIE 9416      |
| GLACIER CHATEAU 744        | 557331  | 744  | 02/19/1997 |  | Sire LMAN KING ROB 8621      |
| GMRA LAKOTA 625            | 1111669 | 625  | 01/12/2006 |  | Dam GLACIER REBALA           |
| GMRA LAKOTA 380            | 910322  | 380  | 02/19/2003 |  | Sire BASIN HOB0 79E          |
| SUTH TRILOGY BEAUTY 5059   | 3477050 | 5059 | 02/20/2015 |  | Dam OMRA LAKOTA 527          |
| RED BRYLOR MASTER PLAN 17M | 971819  | 17M  | 02/07/2002 |  | Sire BASIN SENSATION 702E    |
| FISCHER MONTANA PLAN 6242  | 1110958 | 6242 | 01/16/2006 |  | Dam RED BRYLOR BONITA 66K    |
| FISCHER MONTANA 4242       | 957356  | 4242 | 01/21/2004 |  | Sire FISCHERS NEW TREND 2631 |
| SUTH MT BEAUTY 9119        | 1322558 | 9119 | 03/08/2009 |  | Dam FISCHERS MONTANA 242     |
| DFR GOLDEN MONU 31DA       | 439009  | 31DA | 03/11/1994 |  | Sire LEACHMAN MONU 2X 8096   |
| SUTH GOLDEN BEAUTY 257P    | 978106  | 257P | 03/02/2004 |  | Dam DOUBLE FORK 024Z         |
| VST BITTRROOT BEAUTY       | 472106  | H16D | 03/23/1994 |  | Sire BJR YANK 949            |
|                            |         |      |            |  | Dam RBRTS FIREFLY 858        |

# RED ANGUS

RANCH TESTED. RANCHER TRUSTED.

FIVE GENERATION EXTENDED PEDIGREE

18335 E. 103rd Avenue, Suite 202 • Commerce City, CO 80022-3103

(940) 387-3502 • FAX (888) 829-6069

Email: [info@redangus.org](mailto:info@redangus.org) • Website: [www.redangus.org](http://www.redangus.org)

*John T Brink*  
John T Brink, Chief Executive Officer

Printed: December 06, 2021

The data listed in this pedigree is a true and accurate representation of the Red Angus Database. To the best of my knowledge, no genetic abnormalities have been reported to



Neogen Geneseek Operations  
4131 N. 48th Street  
Lincoln, Nebraska 68504  
geneseekinfo@neogen.com

## STR Certificate

### Report Details:

Customer: ABS-Beef

Date Issued: 12/16/2021

### Animal Details:

Animal ID: ABS102560635

Barcode: 21518021461

Reg No: RAAA4128342

Animal Name: Suth Free Style 38G

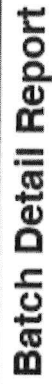
### Results:

| Marker Name | Result  |
|-------------|---------|
| BM1818      | 266/270 |
| BM1824      | 178/180 |
| BM2113      | 135/135 |
| ETH10       | 217/223 |
| ETH225      | 140/148 |
| ETH3        | 119/125 |
| INRA23      | 208/214 |
| SPS115      | 248/248 |
| TGLA122     | 151/151 |
| TGLA126     | 115/117 |
| TGLA227     | NR      |
| TGLA53      | 154/170 |

I affirm that the above test results are correct to the best of my knowledge:

Jiansheng Qiu Ph.D., Director of Quality Systems

All data included in this report is subject to Neogen's Terms and Conditions which is available at  
<https://gslims.neogen.com/web/GSTermsAndConditions.pdf>



Batch : 16060U  
Owner : ABS South Africa  
Firm :  
Account : ABSSA1  
Origin : PRIVATE  
Invoice To : Owner

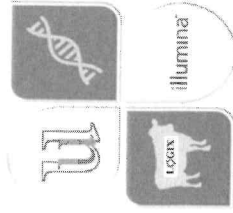
Report Date : 16-Feb-2024 15:20

Page : 1

Unisel report these results on the premise that the biological samples received are from the individuals nominated by the center/breeder responsible. 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 will 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 do not accept any responsibility for parentage mismatches due to incompatible marker scoring strategies between laboratories. Unisel Medical Laboratories participates in ISAG companion testing and therefore incorporates international scoring standards in the generation of our STR profiles.

**CHARNÉ ROSSOUW**  
DIVISION MANAGER



# Unistel Medical Laboratories Genetic Report

BOVINESNP50-24 v3 BeadChip

ABS South Africa

Animal Tested: Angus  
29AR0281  
16660U003

| Description      |  | Mutations                   | Status              | Description  | Mutations Tested                 | Status                                                                | Sample type: | Semen |
|------------------|--|-----------------------------|---------------------|--------------|----------------------------------|-----------------------------------------------------------------------|--------------|-------|
| Coat colouration |  | MC1R - e                    | E+/E+               | Meat         | Calpain 1 - 316                  | G/C - Intermediate breakdown                                          |              |       |
|                  |  | MC1R - ED                   | E+/E+               | Tenderness   | Calpain 1 - 4751                 | C/T - Intermediate breakdown                                          |              |       |
|                  |  | Dun Dexter Dilution (TYPR1) | + / +               |              | Calpain 1 - 530                  | A/G - Intermediate breakdown                                          |              |       |
|                  |  | Silver Dilution type 1      | + / +               |              | Calpastatin - 282                | C/C - Does not inhibit Calpain                                        |              |       |
| Myostatin Status |  | Silver Dilution type 2      | + / +               |              | Calpastatin - 2870               | G/G - Does not inhibit Calpain                                        |              |       |
|                  |  | Myostatin C313Y             | Clear               |              | Calpastatin - 2959               | A/A - Does not inhibit Calpain                                        |              |       |
|                  |  | Myostatin E226X             | Clear               |              |                                  |                                                                       |              |       |
|                  |  | Myostatin E291X             | Clear               | Milk status  | Beta Casein - 245                | A1/A2                                                                 |              |       |
| POMPE Status     |  | Myostatin nt419             | Clear               |              | Beta Casein - 411                | B/B                                                                   |              |       |
|                  |  | Myostatin nt821             | Clear               |              | Kappa Casein - 352               | A/A                                                                   |              |       |
|                  |  | Myostatin Q204X             | Clear               |              | Kappa Casein - 467               | A/A                                                                   |              |       |
|                  |  | Myostatin D182N             | Clear               |              | Kappa Casein - 470               | B/B                                                                   |              |       |
|                  |  | Myostatin F94L              | Clear               |              | Kappa Casein - 506               | A/A                                                                   |              |       |
|                  |  | Myostatin S105C             | Clear               |              | Kappa Casein - 526               | A/A                                                                   |              |       |
|                  |  | E7 mutation                 | Clear               |              |                                  |                                                                       |              |       |
|                  |  | E13 mutation                | Clear               | Milk quality | Growth Hormone F279Y             | Increased milk, casein & lactose yield; decreased protein & fat yield |              |       |
|                  |  | E18 mutation                | Clear               |              | Growth Hormone 2141              | Decreased milk protein & fat yield                                    |              |       |
|                  |  |                             |                     |              | Growth Hormone 2291              | Normal milk fat yield, fat & protein %                                |              |       |
| Heat Tolerance   |  | SLICK                       | No added resistance |              | ABCG2 - protein yield milk       | Normal fat, protein & milk yield; normal fat & protein %              |              |       |
| Eye Disorders    |  | Pinkeye resistance          | Reduced risk 8-13%  |              | AcylCoA - milk fat percentage    | Slightly increased milk yield. Slightly decreased fat & protein %.    |              |       |
| Bone Disorder    |  | Osteopetrosis               | Clear               |              | Trimethylaminuria excess in milk | Clear                                                                 |              |       |
| Breed mutations  |  |                             |                     |              | Yellow milk fat                  | Normal yellow fat                                                     |              |       |
|                  |  | Alpha Mannosidosis 961      | Clear               | Hornedness   | Polled (Celtic and Friesian)     | Homozygous Polled                                                     |              |       |
|                  |  | Neuropathic hydrocephalus   | Clear               |              |                                  |                                                                       |              |       |
|                  |  | Developmental Duplication   | Clear               |              |                                  |                                                                       |              |       |
|                  |  | Mulefoot (P1647L)           | Clear               |              |                                  |                                                                       |              |       |

Disclaimer: Unistel reports these results on the premise that the biological samples received are from the individuals nominated by the owner/breeder/stockholder. This certificate replaces all previous issued certificates. While every effort is made to prevent incorrect results, Unistel Medical Laboratories does not accept any responsibility for any losses that may occur as a result of human or technical error. Should a gross negligence be proven, the claim shall not exceed the value of the contract.