



agriculture, land reform & rural development

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

DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT
ANIMAL PRODUCTION
2026 -02- 23
PRETORIA 0001
DEPARTMENT OF AGRICULTURE, LAND REFORM & RURAL DEVELOPMENT

IMPORTATION OF SEMEN: AUTHORISATION NO. S0040/26-1

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

Valid from: 2026/02/23 - Expiry date: 2026/08/22

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

of: **UNIT B5, PRESTIGE PARK, CNR PASTORALE & STILLWATER STREET, DURBANVILLE INDUSTRIAL PARK, CAPE TOWN, 7550.**

for the importation **BOVINE** semen of the **ANGUS** cattle breed

from (country of origin): **UNITED STATES OF AMERICA** through (Port of entry): **CAPE TOWN INTERNATIONAL AIRPORT**

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

List of animal's genetic materials to be imported:

Name of Animals	Registration No.	Number of doses
HXC ALLEGIANCE 5502C	RAAA 3494126	1
BERWALD CONFIDENT 2044	RAAA 4687927	1
2BARC CROSSFIRE 1003	AAA 20092144	1
BIEBER EMPOWER J510	RAAA 4498001	1
4 SONS GROUND BREAKER	AAA 20613331	1
WOODHILL REALITY	AAA 20068804	1

ABS GLOBAL INC, 1525 RIVER ROAD, DEFOREST, WI 53532, USA

TOTAL: 6

CONDITIONS

- 1) 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.
- 2) DNA profiles must be provided to the Register of Animal Improvement, and 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 This authorization may be withdrawn by the Registrar should any false information be discovered in the application. This authorization is also not transferable. This authorization is for one consignment only and must be handed in and cancelled at the port of entry. Imported semen shall under no circumstances be transferred, sold, given, or donated to any 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: 2026/02/23

AMERICAN ANGUS ASSOCIATION

3201 Frederick Ave., Saint Joseph, Missouri 64506-2997

PHONE: 816-383-5100

FREEZE BRAND

NAME OF ANIMAL

WOODHILL REALITY

SEX

Bull

REGISTRY NO.

AAA 20068804

DATE CALVED

2/07/2021

J120

J120

BREEDER

Woodhill Farms Inc Viroqua WI

CONNEALY TOBIN

AAA 15497354[AMF-DDF-XF]

CONNEALY CONFIDENCE 0100

AAA #*16761479[CAF-DDF-XF]

BECKA GALA OF CONANGA 8281

AAA 16204725[CAF-DDF]

CONNEALY CONFIDENCE PLUS

AAA #*17585576[AMF-CAF-XF]

CONNEALY CONSENSUS

AAA #*15513367[DDF]

ELBANNA OF CONANGA 1209

AAA 17029025

ELBASTA OF CONANGA 9703

AAA 16449958

SIRE

WOODHILL RELEVANCE

AAA *19197873[AMF-CAF-XF]

SYDGEN C C & 7

AAA #*15330743[AMF-CAF-XF]

HOOVER DAM

AAA #*16124994[AMF-CAF-XF]

ERICA OF ELLSTON C124

AAA #14851883

WOODHILL BLACKBIRD X197-Z7

AAA 17332620[DDF]

WOODHILL GUSTO U43

AAA *16159072[DDF]

WOODHILL BLACKBIRD U80-X197

AAA 16706190

WOODHILL BLACKBIRD R181-U80

AAA 16156724

CONNEALY ONWARD

AAA #*14216491[AMF-CAF-XF]

SITZ UPWARD 307R

AAA #*14963730[AMF-CAF-XF]

SITZ HENRIETTA PRIDE 81M

AAA *14087650

PLATTEMERE WEIGH UP K360

AAA #*16692552[AMF-CAF-XF]

G A R RETAIL PRODUCT

AAA #13395329[AMF-CAF-XF]

BARBARA OF PLATTEMERE 337

AAA #16274856[DDF]

BARBARA OF PLATTEMERE 311

AAA 15394402

DAM

WOODHILL EVERGREEN Y121-B56

AAA 17915915[AMF-CAF-XF]

SITZ UPWARD 307R

AAA #*14963730[AMF-CAF-XF]

SITZ DASH 10277

AAA #*15656868[AMF-CAF-XF]

SITZ EVERELDA ENTENSE 2665

AAA +15103154

WOODHILL EVERGREEN T136-Y121

AAA 16992797

IRONWOOD INNOVATOR

AAA 14429978[AMF-CAF-XF]

WOODHILL EVERGREEN R229-T136

AAA *15814444

WOODHILL EVERGREEN 9L-R229

AAA +15110360



FILE NO. PS00023743

1

Mark A. McCully

Mark A. McCully
Chief Executive Officer

838424

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 :	26698U
Sample # :	26698U001
Ownername :	ABS South Africa
Tag No :	29AN22-0061
Animal Name :	29AN22-0061 WOODHILL REALITY
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	ANGUS
Registration Id :	
Birth Date :	1-01-01
Gender :	Male
DNA Ref. No :	
Tissue Type	Semen Straw

Marker	Allele1	Allele2
BM1818	268	270
BM1824	178	178
BM2113	133	135
CSRM60	100	102
CSSM66	183	187
ETH10	217	219
ETH225	146	146
ETH3	117	121
ILSTS006	288	294
INRA23	206	206
SPS115	248	260
TGLA122	151	155
TGLA126	115	115
TGLA227	87	89
TGLA53	170	176

Created date: 24-Apr-2026 12:05

Received date: 10-Apr-2026 08:31

Report date: 06-May-2026 05:48

DNA profile analysed to ISAG specification(2021/2022)

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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/ requestee. 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



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

STR Certificate

Report Details:

Customer: ABS-Beef

Date Issued: 5/19/2022

Animal Details:

Animal ID: 29AN2261

Barcode: SBA0145736

Reg No: AAA20068804

Animal Name: WOODHILL REALITY B56-J120

Results:

Marker Name	Result
BM1818	268/270
BM1824	178/178
BM2113	133/135
ETH10	217/219
ETH225	146/146
ETH3	117/121
INRA23	206/206
SPS115	248/260
TGLA122	151/155
TGLA126	115/115
TGLA227	87/89
TGLA53	170/176

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>



Unistel Medical Laboratories Genetic Report

BOVINESNP50-24 v3 BeadChip

ABS South Africa

Angus

Animal Tested: **WOODHILL REALITY**
21241U002

Semen

Sample type:

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	G/G - Normal breakdown
	MC1R - ED	Insufficient data	Tenderness	Calpain 1 - 4751	C/C - Faster breakdown
	Dun Dexter Dilution (TYPR1)	+/+		Calpain 1 - 530	G/G - Normal breakdown
	Silver Dilution type 1	+/+		Calpastatin - 282	G/C - Intermediate inhibition of Calpain
	Silver Dilution type 2	+/+		Calpastatin - 2870	A/G - Intermediate inhibition of Calpain
Myostatin Status	Myostatin C313Y	Clear		Calpastatin - 2959	A/G - Intermediate inhibition of Calpain
	Myostatin E226X	Clear	Milk status	Beta Casein - 245	A1/A2
	Myostatin E291X	Clear		Beta Casein - 411	B/B
	Myostatin nt419	Clear		Kappa Casein - 352	A/A
	Myostatin nt821	Clear		Kappa Casein - 467	A/A
	Myostatin Q204X	Clear		Kappa Casein - 470	A/B
	Myostatin D182N	Clear		Kappa Casein - 506	A/B
	Myostatin F94L	Clear		Kappa Casein - 526	A/A
	Myostatin S105C	Clear	Milk quality	Growth Hormone F279Y	Increased milk, casein & lactose yield; decreased protein & fat yield
	E7 mutation	Clear		Growth Hormone 2141	Decreased milk protein & fat yield
POMPE Status	E13 mutation	Clear		Growth Hormone 2291	Normal milk fat yield, fat & protein %
	E18 mutation	Clear		ABCG2 - protein yield milk	Normal fat, protein & milk yield; normal fat & protein %
Heat Tolerance	SLICK	No added resistance		AcylCoA - milk fat percentage	Slightly increased milk yield. Slightly decreased fat & protein %.
Eye Disorders	Pinkeye resistance	Reduced risk 8-13%		Trimethylaminuria excess in milk	Clear
Bone Disorder	Osteopetrosis	Clear		Yellow milk fat	Normal yellow fat
Breed mutations	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/requester. 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 gross negligence be proven, the claim shall not exceed the value of the contract.



Unistel Medical Laboratories
Genetic Report
BOVINESNP50-24 v3 BeadChip

ABS South Africa

Animal Tested: 29AN22-0061 WOODHILL REALITY
Angus
26698U001

Sample type: Semen

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	G/G - Normal breakdown
	MC1R - ED	Ed/Ed	Tenderness	Calpain 1 - 4751	C/C - Faster breakdown
	Dun Dexter Dilution (TYPR1)	+/+		Calpain 1 - 530	G/G - Normal breakdown
	Silver Dilution type 1	+/+		Calpastatin - 282	G/C - Intermediate inhibition of Calpain
	Silver Dilution type 2	+/+		Calpastatin - 2870	A/G - Intermediate inhibition of Calpain
Myostatin Status	Myostatin C313Y	Clear	Milk status	Calpastatin - 2959	A/G - Intermediate inhibition of Calpain
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	Myostatin E291X	Clear		Beta Casein - 411	B/B
	Myostatin nt419	Clear		Kappa Casein - 352	A/A
	Myostatin nt821	Clear		Kappa Casein - 467	A/A
	Myostatin Q204X	Clear		Kappa Casein - 470	A/B
	Myostatin D182N	Clear		Kappa Casein - 506	A/B
	Myostatin F94L	Clear		Kappa Casein - 526	A/A
	Myostatin S105C	Clear			
	E7 mutation	Clear			
POMPE Status	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 & protein yield; slightly decreased fat yield, fat % & protein %.
Bone Disorder	Osteopetrosis	Clear		Trimethylaminuria excess in milk	Clear
Breed mutations				Yellow milk fat	Normal yellow fat
	Alpha Mannosidosis 961	Clear	Hornedness		
	Neuropathic hydrocephalus	Clear		Polled (Celtic and Friesian)	Homozygous Polled
	Developmental Duplication	Clear			

Linette Cloete

From: ddames@angus.org.za
Sent: Monday, 09 March 2026 11:46
To: 'Linette Cloete'
Cc: 'Miranda Jordaan'; 'Vredenheim Angus'
Subject: RE: Angus straws for DNA testing **URGENT**

More Linette/ Marinda

Dankie vir die inligting. Julle kan voortgaan met die goedkeuring van die bulle.

Ek het net so paar opmerkings oor die bulle vir toekomstige verwysing.

2BARC CROSSFIRE 1003

- Fenotipies is die bul goed en voldoen aan ons standaardde
- Die bul gaan n ver ondergemiddelde EBV op melk in Suid Afrika hê.

WOODHILL REALITY

- Op Fenotipe kon die bul n beter kruis gehad het. Die bul het n plat kruis wat gepaard gaan met n swak lende.
- Die bul is gemiddeld tot Bo-gemiddeld op sy EBV's

4 SONS GROUND BREAKER

- Fenotipies is die bul korrek
- Op EBV's is die bul bo-gemiddeld.

HXC ALLEGIANCE 5502C

- Fenotipies is die bul korrek
- Die bul is in die onderste 70% van melk in die ras en behoort in Suid Afrika ook n ondergemiddelde EBV vir melk te he.

BERWALD CONFIDENT 2044

- Fenotipies is die bul korrek.
- Die bul het ver bo-gemiddelde EBV's

BIEBER EMPOWER J510

- Fenotipies korrek. Sou n beter kop op die bul wou he, maar dit is hoe Bieber se beeste deesdae is.
- EBV's op die bul is mooi gemiddeld wat goed is.

Baie dankie

Vriendelike Groete

Danie Dames

T: 082 306 9358

E: ddames@angus.org.za

W: www.angus.org.za