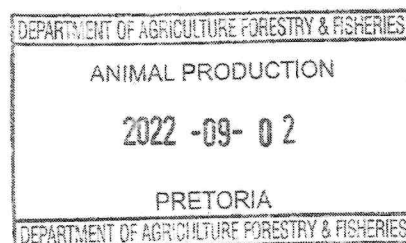




agriculture, forestry & fisheries

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. S0298/22-1

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

Expiry date: 2023/03/01 for Authorization No. S0298/28-1

Authorization is hereby granted to: **SEMEX SOUTH AFRICA (PTY) LTD.**

of: **PO BOX 1030, SOMERSET WEST, 7129.**

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

Semen will be cleared by:
SEMEX SOUTH AFRICA (PTY) LTD.

Name of Animals	Reg. No.	Number of doses
MUSGRAVE 316COLOSSAL 137	18774441	200
S A V JESSE JAMES	19860276	50

THE SEMEX ALLIACE, 5653 HIGHWAY 6 NORTH, GUELPH, ONTARIO, CANADA, N1H 6J2.

TOTAL: 250

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 This authorization may withdrawn by the Registrar should any false information be discovered in the application.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

Semex 4/11/2022

Geno ✓

BAND Permit ✓

Report ✓

AMERICAN ANGUS ASSOCIATION

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

PHONE: 816-383-5100

NAME OF ANIMAL	SEX	REGISTRY NO.	DATE CALVED	TATTOO	LEFT EAR	RIGHT EAR
S A V JESSE JAMES 0968	Bull	AAA 19860276	12/22/2019		0968	0968
[AMF-CAF-D2F-DDF-M1F-NHF-OHF-OSF-RDF]						

BREEDER

Schaffs Angus Valley Saint Anthony ND

SIRE

R R RITO 707	AAA #5770651[AMF-CAF-XF]
RITO 707 OF IDEAL 3407 7075	AAA +13066860[AMF-CAF-XF]
IDEAL 3407 OF 1418 076	AAA 12001645
S A V RENOWN 3439	AAA #+*17633839[AMF-CAF-XF]
S A V 8180 TRAVELER 004	AAA #13512009[AMF-CAF-XF]
S A V BLACKCAP MAY 4136	AAA *14739095[CAF]
S A V MAY 2397	AAA #+14140872[CAF]
S A V RENOVATION 6822	AAA +*18579309[AMF-CAF-XF]
S A V 8180 TRAVELER 004	AAA #13512009[AMF-CAF-XF]
S A V 004 DENSITY 4336	AAA #+14725035[AMF-CAF-XF]
S A V MAY 7238	AAA 12819816[CAF-DDF]
S A V MADAME PRIDE 0151	AAA +*16638001
S A F 598 BANDO 5175	AAA #+12350821[CAC-AMF-XF]
S A V MADAME PRIDE 0075	AAA 13592871[CAF-DDF]
S A V MADAME PRIDE 8264	AAA 13094454[DDC]
G D A R TRAVELER 71	AAA #10988296[AMF-CAF-XF]
SITZ TRAVELER 8180	AAA #11367940[AMF-CAF-XF]
SITZ EVERELDA ENTENSE 1137	AAA 10912116
S A V 8180 TRAVELER 004	AAA #13512009[AMF-CAF-XF]
A A R NEW TREND	AAA #9958634[OSF]
BOYD FOREVER LADY 8003	AAA +13050778
S V F FOREVER LADY 57D	AAA 12133159
S A V BLACKCAP MAY 8961	AAA #+*16124524[CAF]
BON VIEW BANDO 598	AAA #11104267[CAC-AMF-XF]
S A F 598 BANDO 5175	AAA #+12350821[CAC-AMF-XF]
S A F ROYAL LASS 1002	AAA +11560533
S A V MAY 2397	AAA #+14140872[CAF]
LEACHMAN RIGHT TIME	AAA #+11750711[D2F-M1F-XF]
S A V MAY 7238	AAA 12819816[CAF-DDF]
S A R PROSPECTOR MAY 9124	AAA #12010126[DDF-OHF]

DAM



FILE NO. X93955

1

Mark A. McCully
Chief Executive Officer

493689

AMERICAN ANGUS ASSOCIATION

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

PHONE: 816-383-5100

Parentage: SNP

PERFORMANCE PEDIGREE

Parents Qualified

NAME OF ANIMAL
S A V JESSE JAMES 0968

REGISTRY NO.
AAA +*19860276

SEX
Bull

BIRTH DATE
12/22/2019

L. EAR
0968

R. EAR
0968

BREEDER
Schaffs Angus Valley Saint Anthony ND

[AMF-CAF-D2F-DDF-M1F-NHF-OHF-OSF-RDF]

MEMBER CODE
A-493689

OWNERS
Schaffs Angus Valley Saint Anthony ND

Elrod, Cole Talmo GA

Green, Casey Bishop GA

A-493689
A-1074054
A-1271914

As of 9/29/2022

Production EPD										Management EPD					Maternal EPD					Carcass EPD				
CED	BW	WW	YW	RADG	DMI	YH	SC	Doc	Claw	Angle	PAP	HS	HP	CEM	Milk	MW	MH	SEN	CW	Marb	RE	Fat	Grp/Pg	U
+9	+2.0	+54	+94	+20	+78	+1	+1.49	+11	+31	+35	+1.43	+61	+7.9	+7	+20	+50	+0	-10	+31	+40	+06	+076		
.31	.62	.42	.27	.20	.20	.29	.40	.37	.12	.12	.08	.09	.10	.23	.21	.19	.19		.29	.23	.27	.22		
+5	+2.2	+71	+125	+24	+1.45	+4	+1.07	+19	+40	+38	+2.10	+54	+9.2	+3	+18	+53	+0	-11	+40	+41	+27	+090		77
.67	.92	.88	.81	.34	.34	.75	.74	.58	.27	.27	.13	.17	.20	.64	.52	.38	.33		.43	.35	.41	.36		189
+0	+4.2	+57	+99	+22	+64	+7	+8.4	+5	+42	+42	-1.06	+54	+9.8	+10	+31	+77	+5	-29	+43	+65	+13	+052		44
.36	.62	.54	.45	.33	.33	.40	.64	.64	.23	.23	.21	.20	.22	.46	.48	.34	.32		.46	.39	.43	.39		93

RITO 707 OF IDEAL 3407 7075

AAA +13066860 [RDF]

S A V RENOWN 3439

AAA #+*17633839 [RDF]

SIRE

S A V BLACKCAP MAY 4136

AAA *14739095

S A V RENOVATION 6822

AAA +*18579309

S A V 004 DENSITY 4336

AAA #+14725035

S A V MADAME PRIDE 0151

AAA +*16638001

S A V MADAME PRIDE 0075

AAA 13592871

SITZ TRAVELER 8180

AAA #11367940

S A V 8180 TRAVELER 004

AAA #13512009 [RDF]

DAM

BOYD FOREVER LADY 8003

AAA +13050778

S A V BLACKCAP MAY 8961

AAA #+*16124524

S A F 598 BANDO 5175

AAA #+12350821 [RDF]

S A V MAY 2397

AAA #+14140872

S A V MAY 7238

AAA 12819816

\$Values			
\$M	\$F	\$B	\$C
\$W	\$G	\$C	\$C
I	+55	+68	+96
n	+45	+28	+180
d	+67	+78	+109
S	+57	+31	+208
t			
r	+41	+91	+134
e	+48	+43	+215
D			
a			
m			

Pathfinder + Embryo Transplant * Parents Qualified

F I B R O O I N G D A T E K I L O S	PRODUCTION										MATERNAL				ULTRASOUND									
	CALV EASE		BIRTH WT		WEAN WT		YEAR WT		YEAR HT		YEAR SC		CALV EASE		WEANING		% IMF		RIBEYE		FAT		RUMP FAT	
	HERDS	IND. OR	HERDS	CONT	HERDS	CONT	HERDS	CONT	HERDS	RATIO	HERDS	RATIO	HERDS	PROG.	HERDS	PROG.	HERDS	CONT	HERDS	CONT	HERDS	CONT	HERDS	CONT
	PROG.	AVG.	PROG.	RATIO	PROG.	RATIO	PROG.	RATIO	PROG.		PROG.		DAVS.	AVG.	DAVS.	RATIO	PROG.	RATIO	PROG.	RATIO	PROG.	RATIO	PROG.	RATIO
																		135		135		135		135
																		119		91		102		128
	2		7		3	68																		
	2	1.0	41	100	16	93																		
	19		49		35	55	15	52	5		6		8	14	8	16	15		15		15		15	
	51	1.0	372	101	263	101	135	101	57	99	51	100	14	1.1	15	99	135	109	135	96	135	112	135	109
	1		1		1	204	1	96					4	25	5	24	5		5		5		5	
	1	1.0	8	102	8	105	5	103					25	1.0	15	100	98	115	98	96	98	103	98	100
	795		2539		2600	59	1698	34	537		640		1768	7161	2797	37433	1616		1615		1617		1617	
	2830	1.1	24471	102	25073	101	14291	101	3346	100	3775	101	7161	1.0	10514	100	16796	94	16786	100	16801	102	16795	97
	Calving Ease:		1. No Assistance 2. Some Assistance		3. Mechanical Assistance 4. Caesarean Section		5. Abnormal Presentation																	

Calving Ease: 1. No Assistance 2. Some Assistance 3. Mechanical Assistance 4. Caesarean Section 5. Abnormal Presentation



REQUESTED BY:

Schaffs Angus Valley Saint Anthony ND

MEMBER CODE A-493689

FILE NO. X93955 2

DATE PRINTED 9/29/2022

Mark A. McCully
Chief Executive Officer

493689

Batch Detail Report

Batch : 11416U
 Owner :M Cooke
 Farm :Semex South Africa
 Account : SEME01
 Origin : PRIVATE
 Invoice To : Owner

Created : 2022-12-05

SAMPLE	ANIMAL	SPECIES	BREED	DATE	SIRE	TEST	Tissue Type	RESULT	INVOICE
11416U001	AN10737 (MUSGRAVE 316 COLOSSAL 137) (M,23)	CATTLE	ANGUS (23)			SNP50_C	Semen Straw	HER01 : Repeat sample is requested	
11416U002	AN0181 (S A V JESSE JAMES) (M,23)	CATTLE	ANGUS (23)			SNP50_C	Semen Straw	IG50 : IGENITY 50K	

Report Date : 09-Jan-2023 10:24

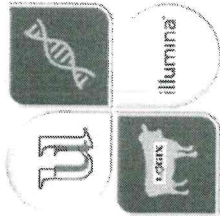
Page : 1

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. 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, Unistel Medical Laboratories does not accept any responsibility for parentage mismatches due to incompatible marker scoring strategies between laboratories. Unistel Medical Laboratories participates in ISAG comparison 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

M Cooke
Semex South Africa
Angus

AN0181

11416U002

Animal Tested:

Semen

Sample type:

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	G/C
	MC1R - ED	Ed/Ed	Tenderness	Calpain 1 - 4751	C/C
	PMEL17 Dilution	+/+		Calpain 1 - 530	G/G
	Silver Dilution type 1	+/+		Calpastain - 282	C/C
	Silver Dilution type 2	+/+		Calpastain - 2870	G/G
Myostatin Status	Myostatin C313Y	Clear		Calpastain - 2959	A/A
	Myostatin E226X	Clear	Milk status	Beta Casein - 245	A2/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	Normal milk protein & fat yield
POMPE Status	E13 mutation	Clear		Growth Hormone 2291	Normal milk fat yield, fat & protein %
Hornedness	E18 mutation	Clear		ABCG2 - protein yield milk	Normal fat, protein & milk yield; normal fat & protein %
	Polled Celtic	Homozygous Polled		AcylCoA - milk fat percentage	Insufficient data
Heat Tolerance	SLICK	No added resistance		Trimethylaminuria excess in milk	Clear
Eye Disorders	Pinkeye resistance	Reduced risk 16-26%		Yellow milk fat	Normal yellow fat
Bone Disorder	Osteopetrosis	Clear			
Breed mutations	Alpha Mannosidosis 961	Clear			
	Neuropathic hydrocephalus	Clear			
	Developmental Duplication	Clear			
	Mulefoot	Clear			

Disclaimer: Unistel reports these results on the premise that the biological samples were used are from the individuals nominated by the owner/breeder/collector. 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.



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

STR Certificate

Report Details:

Customer: Igenity

Date Issued: 10/27/2022

Animal Details:

Animal ID: S A V Jesse James 0968

Barcode: GS520660

Reg No: AAA 19860276

Animal Name:

Results:

Marker Name	Result
BM1818	NR
BM1824	182/182
BM2113	133/133
ETH10	217/219
ETH225	146/162
ETH3	117/117
INRA23	206/206
SPS115	254/254
TGLA122	151/151
TGLA126	115/115
TGLA227	81/91
TGLA53	160/168

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>



American Angus Association

3201 Frederick Ave. Saint Joseph, MO 64506

(816) 383-5100 Fax: (816) 233-9703

As of: 9/30/2022

Reg Num	Name of Animal	Tag/Tatt	Sex	Birth Date	Registration Number		Results
AAA 19860276	S A V Jesse James 0968	0968	B	12/22/2019	AAA 18579309	6822 AAA 16124524	8961 Qualified
					AAA 18579309	6822	Qualified
						AAA 16124524	8961 Qualified
AM Status	NH Status	CA Status	OS Status	M1 Status	OH Status	D2 Status	DD Status
AMIF	NHF	CAF	OSF	M1F	OHF	D2F	DDF

This animal has been tested using SNP technology through Angus Genetics Inc.®(AGI)

We hereby certify that this is a true copy of the DNA Parentage report on file for the bull, S A V Jesse James 0968 #AAA 19860276 as reflected on the records of the American Angus Association.

Mark A. McCully

Mark A. McCully, Chief Executive Officer

