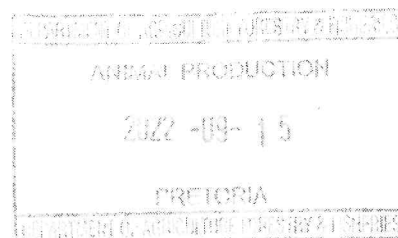




agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA



VETERINARY MASTER PERMIT NO: NO MASTER

VALID FROM: 2022/09/15
EXPIRY DATE: 2023/03/14

IMPORTATION OF SEMEN: AUTHORISATION NO. S0316/22-1

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

Expiry date: 2023/03/14 for Authorization No. S0316/22-1

Authorization is hereby granted to: WORLD WIDE SIRES T/A W.PRINGLE EXPORT HOLDINGS.

of: PO BOX 60913, TABLEVIEW, 7439.

for the importation BOVINE semen of the ANGUS breed

from (country of origin): USA.

Semen will be cleared by:
WORLD WIDE SIRES.

Name of Animals	Reg. No.	Number of doses
DEER VALLEY GROWTH FUND	ANUSA000018827828	26
BIEBER BLUE CHIP H302	ARUSA000004303789	50
PIE CINCH 4126	ARUSA000001725110	5
CRAWFORD GUARANTEE 9137	ANUSA000019526770	5
BIEBER JUMPSTART J137	ARUSA000004463653	51
E & B RIVAL 175	ANUSA000020128929	5
BIEBER SPARTACUS A193	ARUSA000001617230	5
RIVERBEND GOOD BOOK F255	ANUSA000019178455	50
HF SAFE & SOUND 019	ANUSA000019705988	50
G A R SURE FIRE	ANUSA000017328461	10

WORLD WIDE SIRES LTD, 5545 AVENIDA DE LOS ROBLES, VISALIA, CA, USA.

TOTAL: 257

CONDITION

- Certification by the exporting country that the number of unfrozen (five) 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 This authorization may withdrawn by the Registrar should any false information be discovered in the application.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: 2022/09/15

Red Angus Association of America

BIEBER JUMPSTART J137

01/20/2021

Polled Red Angus Bull

4463653

Registration Number

J137

Tattoo

Name	RAA Number	Identification	Birth Date	Foreign Number	5th Generation
ANDRAS IN FOCUS B175	1366634	B175	10/16/2009		Sire: MYTTA IN FOCUS
ANDRAS FUSION R236	1506931	R236	09/18/2011		Dam: DI ESTONIA 316
ANDRAS BELLE B167	1566339	B167	10/11/2009		Sire: ANDRAS THUNDER B105
BIEBER GL ATOMIC C218	3474996	C218	02/18/2015		Dam: ANDRAS BELLE 416
HUST CHIEF SEQUOYA R336	1025756	R336	03/08/2005		Sire: CCF SEQUOYA 0361
BIEBER DATELINE 308Y	1437039	308Y	03/22/2011		Dam: LCC REBELLA NA123
BASIN ROSE 7127	1189543	7127	02/17/2007		Sire: BASIN CHEROKEE 4246
BIEBER C. P. R. ROSE 7127	3958811	R121	01/18/2018		Dam: BASIN ROSE 1938
LACY GOLD BAR 8123	1294649	8123	09/10/2008		Sire: CCF GOLD BAR 0351
BIEBER HARD DRIVE Y120	1436718	Y120	02/11/2011		Dam: LACY MS CHEROKEE 557P
BIEBER LAURA 158W	1311673	158W	02/17/2009		Sire: LACMISSION STATEMENT P27
BIEBER CL ADELLE 575D	3337440	575D	04/07/2016		Dam: BASIN LAURA 5591
HUST CHIEF SEQUOYA R336	1025756	R336	03/08/2005		Sire: CCF SEQUOYA 0361
BIEBER ADELLE 297Y	1437046	297Y	03/18/2011		Dam: LCC REBELLA NA123
BIEBER ADELLE 7226	663239	7226	02/08/1999		Sire: BIR MAKE MY DAY 961
					Dam: BIEBER ADELLE 643
BIEBER JUMPSTART J137	4463653	J137	01/20/2021		
MESSMER PACKER S008	1109534	S008	02/12/2006		Sire: MESSMER JOSHUA 019P
GMRA TRILOGY 0226	1367533	0226	01/14/2010		Dam: MESSMER MILLIE 124P
GMRA LAKOTA 625	1111669	625	01/12/2006		Sire: GLACIER CHATEAU 744
GMRA TRINITY 5222	3467112	5222	01/16/2015		Dam: GMRA LAKOTA 380
LCC CHEYENNE B221L	786422	B221L	02/10/2001		Sire: BCCR CHEROKEE CYN 4912
GMRA INDIGO 615	1111627	615	01/08/2006		Dam: HXC 701G
GMRA INDIGO 230	852698	230	01/17/2002		Sire: BOP CRK BARNEY 4474
BIEBER GALLEE 390G	4140526	390G	03/01/2019		Dam: GMRA INDIGO 512
BASIN HOB0 0545	734639	0545	02/07/2000		Sire: BASIN HOB0 79E
BIEBER H HUGHES W109	1311331	W109	01/23/2009		Dam: BASIN ERICA 330E
BASIN ROSE 0670	1205030	0670	04/04/2007		Sire: RED BRYLOR NEW TREND 22
BIEBER GALLEE 550D	3537083	550D	03/12/2016		Dam: BASIN ROSE P921
BROWN VACATION H7106	668319	H7106	09/20/1998		Sire: BECKTON JULIAN CG B371
BIEBER GALLEE 291X	1374904	291X	02/26/2010		Dam: LOHAN FLOWER 4161
BIEBER GALLEE 9513	905862	9513	05/21/2003		Sire: BIEBER MAKEWILL 7249
					Dam: BIEBER GALLEE 7079

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 • Website: www.redangus.org

John T Brink Chief Executive Officer

Printed: September 14, 2022

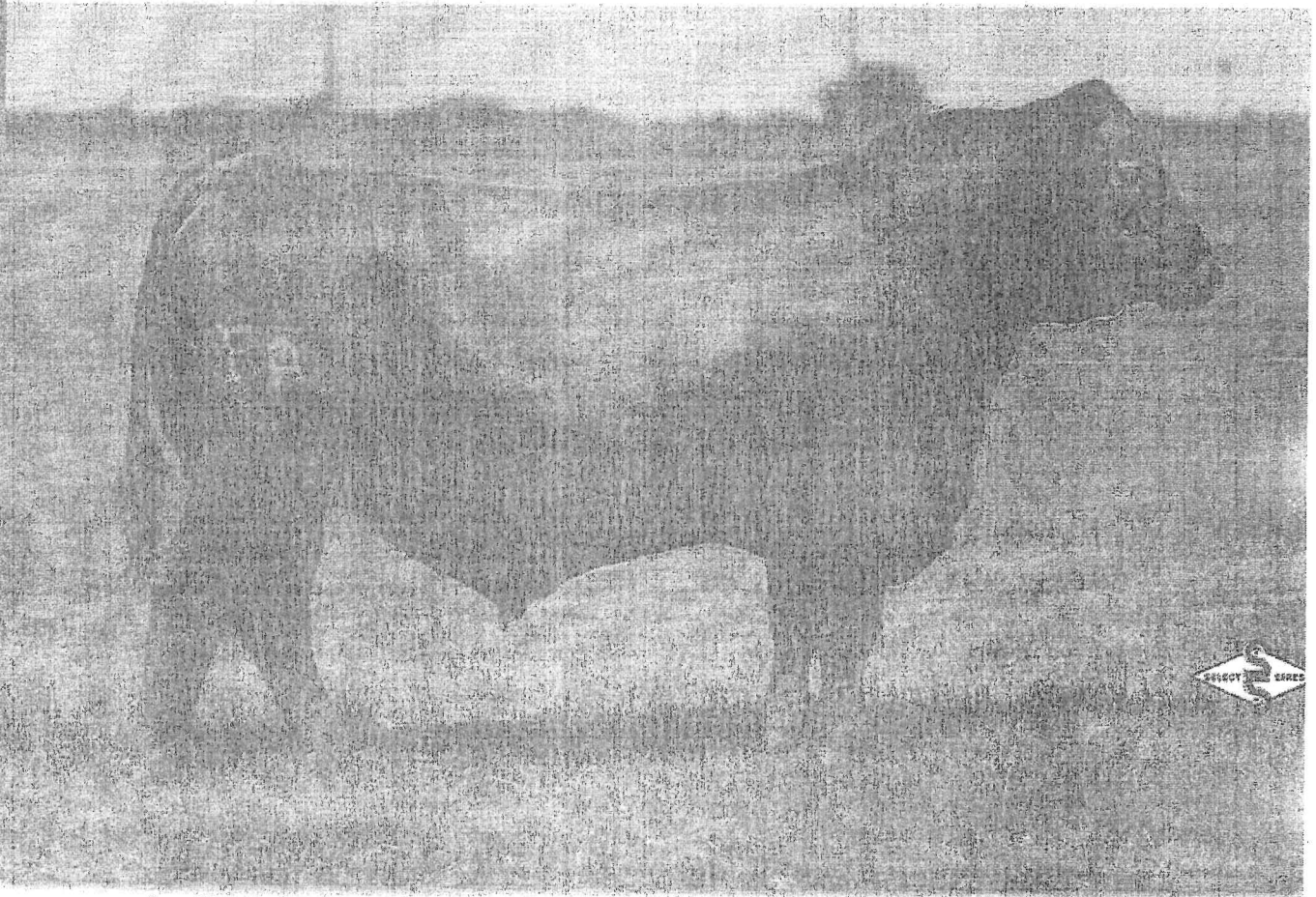
The data listed in this pedigree is a true and accurate representation of the Red Angus Database. To the best of my knowledge, no genetic abnormalities have been reported to this animal.



WWS 15/9/2022

Geno
Permit ✓
DNA ✓

7AR100 BIEBER JUMPSTART J137



From Bieber Red Angus Ranch, Leola, SD; Schuler-Olsen Ranches, Bridgeport, NE; Wedel Beef Genetics, Leoti, KS; Twedt Red Angus, McHenry, ND; Anderson Land and Cattle, Oberlin, KS

Registration: 4463653

Tattoo: J137
Born: 1/20/21
Birth Weight: 84 lbs | ratio 102
Weaning Weight: 676 lbs | ratio 111
Yearling Weight: 1382 lbs | ratio 1226

BIEBER CL ATOMIC C218
BIEBER CL ENERGIZE F121
BIEBER CL ADELLE 575D

GMRA TRINITY 5222
BIEBER GALLEE 390G
BIEBER GALLEE 550D

- ▶ The single most sought-after bull in the 2022 sale season, JUMPSTART was admired by many of the top red angus breeders in the business commanding a recording setting \$185,000.
- ▶ JUMPSTART combines elite data with exceptional phenotype. Very few sires offer as much power and muscle shape as JUMPSTART, yet still rank among the best in the breed for calving ease.
- ▶ JUMPSTART is an absolute physical specimen that is loaded with width and power as well as having great foot shape and heel depth.
- ▶ He ranks in the TOP 1% for 7 different traits including ProS and GM! A must use sire!
- ▶ Contact Your Select Sires Sales Representative for Availability.

	ProS	HB	GM	CE	BM	WW	YW	ADG	DMI	MM	ME	HRG	CEM	Stay	Marb	YG	CW	REA	BF
EPD	124	55	69	16	-33	87	154	0.41	2.54	30	33	17	11	16	0.55	0.05	47	0.63	0.04
Acc				46	50	47	48	48	17	14	12	21	23	26	40	36	47	45	34
% Rank	11	52	5	9	24	1	1	1	99	12	99	1	4	43	21	41	1	1	85



Batch Detail Report

Created : 2022-10-25

Batch : 10889U
Owner : Wade Pringle
Owner Email: wade@wwsires.co.za; debbie@wwsires.co.za
Owner CellPhone No. : 0825759707
Farm : World Wide Sires
Account : PR1W01
Origin : PRIVATE
Invoice To : Owner

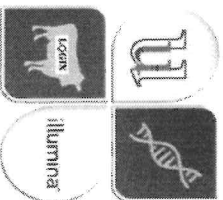
SAMPLE	ANIMAL	SPECIES	BREED	DATA	SIRE	TEST	Tissue Type	RESULT	INVOICE
10889U001	81247 (DEER VALLEY BRIGADE 81247) (M,23)	CATTLE	ANGUS (23)			SNP50_C	Semen Straw	IG50 : IGENITY 50K	
10889U002	J137 (BIEBER JUMPSTART J137) (M,23)	CATTLE	ANGUS (23)			SNP50_C	Semen Straw	IG50 : IGENITY 50K	
10889U003	5051 (KT SMALL TOWN KID 5051) (M,40)	CATTLE	HEREFORD (40)			SNP50_C	Semen Straw	IG50 : IGENITY 50K	

Report Date : 15-Nov-2022 11:07

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.
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

Animal Tested:

Wade Pringle
World Wide Sires
Angus
J137
10889U002
Semen

Sample type:

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	Insufficient data	Meat	Calpain 1 - 316	G/G
	MC1R - ED	E+/E+	Tenderness	Calpain 1 - 4751	C/T
	PMEL17 Dilution	+/+		Calpain 1 - 530	G/G
	Silver Dilution type 1	+/+		Calpastain - 282	G/C
	Silver Dilution type 2	+/+		Calpastain - 2870	A/G
Myostatin Status	Myostatin C313Y	Clear	Milk status	Calpastain - 2959	A/A
	Myostatin E226X	Clear		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/A
	Myostatin D182N	Clear		Kappa Casein - 506	B/B
	Myostatin F94L	Clear		Kappa Casein - 526	A/E
	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
Horndness	Polled Celtic	Homozygous Polled		Growth Hormone 2291	Normal milk fat yield, fat & protein %
Heat Tolerance	SLICK	No resistance		ABCG2 - protein yield milk	Normal fat, protein & milk yield; normal fat & protein %
Eye Disorders	Pinkeye resistance	Reduced risk 8-13%		ACyCoA - milk fat percentage	Normal milk fat & protein concentration, normal milk volume
Bone Disorder	Osteopetrosis	Clear		Trimethylaminuria excess in milk	Clear
				Yellow milk fat	Normal yellow fat
Breed mutations	Alpha Mannosidosis 961	Clear			
	Neuropathic hydrocephalus	Clear			
	Developmental Duplication	Clear			
	Mulefoot	Carrier			

Disclaimer: Unistel reports these results on the premise that the biological samples received are from the individuals nominated by the owner/client/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.

Sample Details - 36342081

Customer Sample ID :	Organization :	Animal ID :	Secondary Barcode :	Registration Number :	Breed :	Extracted :	Sex :	Prospective Sire 1 :	Order 781111	Test : SM2_GeneSeek_ISAG (SM2_GeneSeek with additional ISAG marker)	Status : Ready
End Customer :	Select Sires-Beef :	7AR100 Jumpstart :	Barcode :	4463653 :	Sample Type :	Received :	Dam :	Prospective Sire 2 :			
Species :	Unknown :	Barcode :	42821084629 :	End Customer :	Semen Straw :	2022-08-30 :					

Sample ID	Animal ID	Test	Date Banked	Barcode
36342081	7AR100 Jumpstart	SM2_GeneSeek_ISA		42821084629

Registration Number	BM1824	BM2113	ETH10	ETH225
4463653	178/180	135/141	217/217	148/150
ETH3	INRA23	SPS115	TGLA122	TGLA126
117/117	206/206	248/260	143/151	115/117
TGLA227	TGLA53	BM1818		
81/87	154/160	270/270		