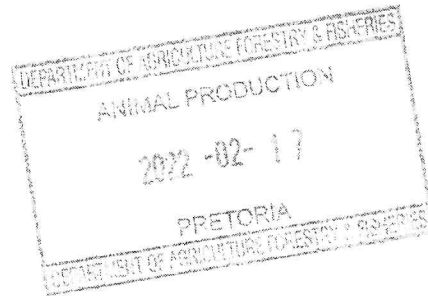


Kobus Deport - 6/2/20 + DNA protocol



**agriculture, land reform
& rural development**

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



VETERINARY MASTER PERMIT NO: NO MASTER

**VALID FROM: 2022/02/17
EXPIRY DATE: 2022/07/31**

IMPORTATION OF SEMEN: AUTHORISATION NO. S0053/22-1
(Issued in terms of section 16 of the Animal Improvement Act, 1998)
Expiry date: 2022/07/31 for Authorisation No. S0053/22-1

Authorization is hereby granted to: **SERFONTEIN POULTRY (PTY) LTD / ADRI SERFONTEIN.**

Of: **P O BOX 854, CENTURION, 0046.**

Importation **BOVINE** semen of the **ANGUS** breed

From (country of origin): **UNITED STATES OF AMERICA**

Semen will be cleared by:
LOHNRO LOGISTICS.

<u>Name of Animals</u>	<u>Reg. No.</u>	<u>Number of doses</u>
MAN RED BOX 55C	3525359	06

ELGIN BREEDING SERVICES, 875 CENTRAL AVE, ELGIN TEXAZ, 78621, USA.

TOTAL: 06

CONDITION

- a) 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.

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 This authorization may withdrawn by the Registrar should any false information be discovered in the application.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: 2022/02/17

Linette Cloete

b

From: Shelby Downs <sdowns@purebeefgenetics.com>
Sent: Monday, 13 September 2021 18:36
To: adri@serfonteinpoultry.co.za
Cc: Mike Marlow
Subject: Red Box Semen

Reg 3525359

Good Morning,

Mike asked that I send over MANN RED BOX 55C blood typing and pedigree to you.

Pedigree:

	BJR HIGH HO 5112-23L3178121PMAF, OSF
	BJR HI HO 9163508801P
	BJR TILLY 677-7773178841P
	BJR HIGH CAPACITY 0087414171PMAF, OSF
	GARNEY PATRIOT 12141471201P
	JRA JAMES 9041845971P
	JRA JAMES 6351425891P
	UBAR HIGH CAPACITY 2248641141POSF
	LMN IMPRESSIVE ROB1095B3856381POSF
	LARSON RED LIGHTNING4386851POSF
	LARSON CRIS 9263097241P
	BJR BONNEBELL 7G5588801P
	RHRA WRANGLER 3355 42B3785031P
	RD BONNEBELL 5E4765911P
	PCH BONNEBELL Y452898631P
	SLGN WIDELOAD 920W13013261PDDF, OSF
	BUF CRK CHIEF092-8241707531POSC
	BUF CRK CHF 824-16582995581PMAF, OSC
	BFLO CRK CARIE VC4731303701P
	BFCK CHEROKEE CNYN 49125748731PMAF, OSF
	BUF CRK CHEROKEE14312754841P
	MRM 1431 8611 91093561621POSF
	MRM 8454 8219 86112682971P
	MEADO-WEST PERSUASION9573151POSF
	RED SSS MONU4X 237C4140311POSF
	BJR MONU 4X-3034912461PDDF, MAF, OSF
	RCRA SAMANTHA4294381P
	DFRA AL THEA 1076896051P
	RD KEYSTONE OF 3R4011931P
	BJR ALTHEA 27C-2454913181P
	BJR ALTHEA 677-3H83787871P
	MANN RED BOX 55C35253591PDDF, MAF, OSF, NHF, AMF, CAF
	BJR HI HO 9163508801P
	VGW ACE 6135254571P
	VGW DORA-SHIP 93484130401P
	VGW KING OF THE WEST6596571PMAF, OSF
	GMRA EBV 2663725281POSF
	VGW MT TABITHA 96335253611P
	VGW 546 BUF CRK 5141810221P
	5L NORSEMAN KING 22918067071PMAF, OSF, NHF, AMF
	CANDOLIER FOREVER 3763330612
	376 P J M 1413339485
	JUANADA 104 OF P J M3332205
	NORSEMAN 1312 PJM8053858P
	PJM POWERPOINT3335170
	P J M POWERPOINT 20093294733
	TITAN 288 P J M3336169
	PELTON MISS AJA 0839U12521631PMAF, OSF
	LCC HEAVEN OR BUST1000B3853861PMAF, OSF
	GLACIER MARIAS 5484769391PMAF, OSF
	GLACIER REBALAS1792161P
	GP CATALYST 0257062161POSF
	LMAN ROBIN HOOD 1174B3854841POSF
	BCRA MS DINA 97235558501P

	LEACHMAN DINA 59191722931P
PELTONS MISS IDA 0547R10641201POSF	
	LMAN ROBIN HOOD 1174B3854841POSF
	LCHMN ON TARGET 1016E4924331P
	LCHMN BLOXY C11764156811P
PELTONS MS TARGET 98576850061P	
	BUF CRK DYNAMO 19103077631P
PELTONS SUE 15103691981P	
	SUSAN 15103256651P

As for his "blood typing", are you just needing to know he is clean? He is free of all defects and his pedigree reflects so.

You can look at his full information by visiting the following link:

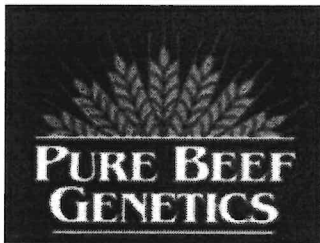
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Please let me know if you have any further question or are needing more specific information.

Thank you!

Shelby Leonard

Cell: 405-334-2341



PO Box 675

8618 South Western

Perkins, OK 74059



Batch Detail Report

Batch : 16899U
Owner :JP(Kobus) Delpont
Farm :Makojalo
Account :
Origin : PRIVATE
Invoice To : Origin

Created : 2024-02-20

SAMPLE	ANIMAL	SPECIES	BREED	DAM	SIRE	TEST	Tissue Type	RESULT	INVOICE
16899U001	RED BOX (M,23)	CATTLE	ANGUS (23)			PAR_C	DNA	PU : Profile (Unistel)	

Report Date : 29-Feb-2024 11:26

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

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 :	16899U
Sample # :	16899U001
Ownername :	JP(Kobus) Delport

Tag No :	RED BOX
Animal Name :	RED BOX
Microchip # :	
Animal Species :	CATTLE
Animal Breed :	ANGUS
Registration Id :	
Birth Date :	1-01-01
Gender :	Male
DNA Ref. No :	
Tissue Type	Semen

Marker	Allele1	Allele2
BM1818	262	264
BM1824	180	182
BM2113	127	135
CSRM60	92	104
CSSM66	183	187
ETH10	215	219
ETH225	148	150
ETH3	117	125
ILSTS006	288	296
INRA23	208	208
SPS115	252	254
TGLA122	143	183
TGLA126	115	117
TGLA227	89	97
TGLA53	160	182

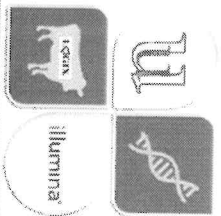
Created date: 23-Feb-2024 08:34	Received date: 15-Feb-2024 22:00	Report date: 15-Jul-2024 11:10	DNA profile analysed to ISAG specification(2021/2022)	Page 1
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CHARNÉ ROSSOUW
 DIVISION MANAGER



Unistel Medical Laboratories Genetic Report

BOVINESNP50-24 v3 BeadChip

Animal Tested:

JP(Kobus) Delpont
Makojalo
Angus
RED BOX
17972U001

Sample type:

Semen

Description	Mutations	Status	Description	Mutations Tested	Status
Coat colouration	MC1R - e	E+/E+	Meat	Calpain 1 - 316	C/C - Faster breakdown
	MC1R - ED	E+/E+	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	C/C - Does not inhibit Calpain
	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	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/A
	Myostatin D182N	Clear		Kappa Casein - 506	B/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 %
	SLICK	No added resistance		AcylCoA - milk fat percentage	Normal fat, protein & milk yield. Normal fat & protein %.
Heat Tolerance	Pinkeye resistance	Reduced risk 16-26%	Hornedness	Trimethylaminuria excess in milk	Clear
Bone Disorder	Osteopetrosis	Clear		Yellow milk fat	Normal yellow fat
Breed mutations	Alpha Mannosidosis 961	Clear		Polled (Celtic and Friesian)	Homozygous Polled
	Neuropathic hydrocephalus	Clear	Hornedness	Polled (Celtic and Friesian)	Homozygous Polled
	Developmental Duplication	Clear		Polled (Celtic and Friesian)	Homozygous Polled
	Mulefoot (P1647L)	Clear		Polled (Celtic and Friesian)	Homozygous Polled

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