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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	GB140015
BREED	Boran
SPECIES	Bovine
GENDER	Female
OWNER	Gideon Botha
LAB. NO	ZOCA2022-36930

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	79
BM2113	129	129
TGLA053	Not Detected	
ETH10	211	223
ILSTS011	261	268
SPS113	Not Detected	
RM067	92	92
TGLA126	Not Detected	
TGLA122	149	149
INRA023	208	214

STR Marker	Allele 1	Allele 2
BM1818	264	266
ETH003	117	158
ETH225	182	192
BM1824	248	256
SPS115	92	92
CSRM060	145	147
MGTG4B	185	187
CSSM066	Not Detected	
ILSTS006	Not Detected	

The DNA profile represents the standardised alleles for the 12 International Society for Animal Genetics (ISAG, 2016) recommended markers. These alleles were obtained from STR analysis by capillary electrophoresis. The DNA profile includes additional markers as recommended by the Food and Agriculture Organization of the United Nations (FAO) for routine bovine parentage testing and identification.

Dr Christiaan Labuschagne
Genomics Manager

**See disclaimer on reverse side



Date
23 September 2022

06-Mar-15

CVML15/AG/00226

ZOCA2022-36930-DC

23-Sep-22

**Disclaimer
Whatever is contained in this report is subject to the following:



Batch Detail Report

Batch : A8104

Owner : Willem Janson

Farm : Lakenylei

Account : JANW01

Via : EMBRIO PLUS

Invoice To :

Test Method : UMLSOPCATL02 Cattle Genotyping

Job No : 78439

Created: 2011-01-05

Sample	Animal	Species	Breed	Tissue	Dam	Sire	Test Results	Invoice
A91256	WJ10-0032 (WJ100032) (M)	CATTLE	BOFAN (24)	Hair	MHB05-0007 (HOPE 0507) (F,24) (Valid)	B04-0042 (B 04 42 GREY) (M,24) (Valid)	Dam Valid, Sire Valid	

Report Date: 21-Aug-2026 13:52

Disclaimer

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee. 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. Some DNA 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 or reporting strategies between laboratories. Unistel Medical Laboratories participates in ISAG comparison testing and therefore incorporates international scoring standards in the generation of our DNA profiles. This certificate replaces all previously issued certificates.

Address: Office Block 1, De Tijger Park, Hannes Louw Drive, Parow North, Cape Town, 7500, RSA
Postal Address: Postnet Suite 13, Private Bag X22, Tygervalley, 7536, RSA
Tel: +27 (21) 021 007 5616
Directors: HC Viljoen (Chairman), L Theart (CEO), B Grindley-Wheldon, M Senekal, HJ Pearce
Unistel Medical Laboratories (Pty) Ltd (Reg.No:- 1999/021075/07)



Batch Detail Report

Batch : 4449U
Owner : Johan Visser
Farm : Harbeesput
Account : VISSJ1
Via :
Invoice To :
Test Method : UMLSOPCATL02 Cattle Genotyping
Job No : 66353

Created: 2021-05-10

Sample	Animal	Species	Breed	Tissue	Dam	Sire	Test Results	Invoice
4449U038	ENU20-0040 (M)	CATTLE	BORAN (24)	Hair	ENU17-0025 (F,24) (Valid)	TV14-0002 (M,24) (Valid)	Dam Valid, Sire Valid	

Report Date: 21-Aug-2026 13:53

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Batch Detail Report

Batch : A27765

Owner : PJS Potgieter

Farm : Piet Potgieter Borane

Account : POTP01

Via : BORAN BREEDERS SOCIETY

Invoice To :

Test Method : UMLSOPCATL02 Cattle Genotyping

Job No : 91035

Created: 2017-01-09

Sample	Animal	Species	Breed	Tissue	Dam		Sire	Test Results		Invoice
A351829	PP16-0401 (F)	CATTLE	BORAN (24)	Hair	CFH10-0060 (TWEELING) (F,24) (Valid)		CFH08-0282 (CFH08282) (U,24) (Valid)	Dam Valid, Sire Valid		

Report Date: 18-Aug-2026 13:03

Disclaimer

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Batch Detail Report

Batch : 26170U
Owner : Danny Gonsalves
Farm : Aurex Game Farm
Account :
Via : BORAN BREEDERS SOCIETY
Invoice To : Owner
Test Method : UMLSOPCATL02 Cattle Genotyping
Job No : 170636

Created: 2026-02-23

Sample	Animal	Species	Breed	Tissue	Dam	Sire	Test Results	Invoice
PAR								
26170UJ001	AU26-0001 (F)	CATTLE	BORAN (24)	Hair	HS20-0150 (F,24) (Valid)	ZIP20-0187 (M,24) (Valid)	Dam Valid, Sire Valid	

Report Date: 18-Aug-2026 13:05

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