



Tel: 071 493 21 37
Email: info@ZooOmics.co.za
Physical Address: 525 Justice Mahomed Str, Muckleneuk, Pretoria 0002
Postal Address: PO Box 14356, Hatfield, Pretoria 0028

DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	MEL250002
Breed	Beefmaster
DNA Profile Certificate Number	ZOCA2025-90318-DC

qualifies as the offspring of

Male

Animal ID/Name	RLR190058
Breed	Beefmaster
DNA Profile Certificate Number	P2707-19

&

Female

Animal ID/Name	Not Applicable
Breed	Not Applicable
DNA Profile Certificate Number	Not Applicable

Based on the results from genetic profiles of the individually listed animals after categorical allocation of the supplied biological samples. Allocation is based on a confidence level of 95% (based on the population tested) and ≤ 1 mismatched marker.

Dr Christiaan Labuschagne
Genomics Manager

20 June 2025

Date

****See disclaimer on reverse side**



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DNA PARENTAGE CERTIFICATE

Test Animal

Animal ID/Name	MEL250003
Breed	Beefmaster
DNA Profile Certificate Number	ZOCA2025-90319-DC

qualifies as the offspring of

Male

Animal ID/Name	BOS144253
Breed	Beefmaster
DNA Profile Certificate Number	A387193

&

Female

Animal ID/Name	Not Applicable
Breed	Not Applicable
DNA Profile Certificate Number	Not Applicable

Based on the results from genetic profiles of the individually listed animals after categorical allocation of the supplied biological samples. Allocation is based on a confidence level of 95% (based on the population tested) and ≤ 1 mismatched marker.

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Genomics Manager

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	MEL250004
BREED	Beefmaster
SPECIES	Cattle
GENDER	Male
OWNER	Laurens de Witt
LAB. NO	ZOCA2025-90320

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	87
BM2113	129	141
TGLA053	Not Detected	
ETH10	213	219
ILSTS011	266	266
SPS113	147	153
RM067	90	102
TGLA126	Not Detected	
TGLA122	Not Detected	
INRA023	196	208

STR Marker	Allele 1	Allele 2
BM1818	260	266
ETH003	117	117
ETH225	141	158
BM1824	182	192
SPS115	256	260
CSRM060	92	102
MG TG4B	137	147
CSSM066	181	185
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

19 June 2025

Date

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DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	MEL250005
BREED	Beefmaster
SPECIES	Cattle
GENDER	Female
OWNER	Laurens de Witt
LAB. NO	ZOCA2025-90321

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	97
BM2113	135	137
TGLA053	154	160
ETH10	213	213
ILSTS011	261	268
SPS113	142	153
RM067	94	102
TGLA126	Not Detected	
TGLA122	Not Detected	
INRA023	208	214

STR Marker	Allele 1	Allele 2
BM1818	262	266
ETH003	117	125
ETH225	150	158
BM1824	182	188
SPS115	248	260
CSRM060	92	102
MG TG4B	135	137
CSSM066	185	185
ILSTS006	294	294

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.

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