



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	MS180056
Microchip Number	Not Provided
DNA Profile Certificate Number	ZOBOS19-02627-DC

qualifies as the offspring of*

Male

Animal ID/Name	MS150056
Microchip Number	Not Provided
DNA Profile Certificate Number	C17-13731-DC

&

Female

Animal ID/Name	
Microchip Number	
DNA Profile Certificate Number	

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.

Ms Mischa Fraser
ZooOmics™ Manager

16 September 2020

Date

Dr Christiaan Labuschagne
Genomics Manager

16 September 2020

Date

****See disclaimer on reverse side**

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	MS180056
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	MALE
OWNER	MILESTONE BEEFMASTERS
LAB. NO	ZOBOS19-02627

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	89	97
BM2113	125	137
TGLA053	Not Detected	
ETH10	209	213
ILSTS011	261	261
SPS113	141	153
RM067	92	96
TGLA126	117	117
TGLA122	151	153
INRA023	206	208

STR Marker	Allele 1	Allele 2
BM1818	262	270
ETH003	117	127
ETH225	142	158
BM1824	Not Detected	
SPS115	248	250
CSRM060	102	102
MGTG4B	135	139
CSSM066	185	185
ILSTS006	288	288

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.



Ms Mischna Fraser
ZooOmics™ Manager

16 September 2020

Date



Dr Christiaan Labuschagne
Genomics Manager

16 September 2020

Date

****See disclaimer on reverse side**

ZOBOS19-02627-DC