

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	LEB180670
MICROCHIP NUMBER	Not Provided
SPECIES	CATTLE
GENDER	Male
OWNER	BERTIE VAN ZYL EDMS BPK
LAB. NO	ZOBOS20-00647

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	77	78
BM2113	121	139
TGLA053	158	158
ETH10	219	221
ILSTS011	264	268
SPS113	139	153
RM067	90	94
TGLA126	117	125
TGLA122	137	143
INRA023	196	196

STR Marker	Allele 1	Allele 2
BM1818	266	266
ETH003	115	117
ETH225	159	159
BM1824	180	180
SPS115	246	248
CSRM060	92	102
MGTG4B	139	141
CSSM066	185	187
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.



Ms Mischá Fraser
 ZooOmics™ Manager

19 February 2020

Date



Dr Christiaan Labuschagne
 Genomics Manager

19 February 2020

Date

**See disclaimer on reverse side

ZOBOS20-00647-DC-A

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