

DNA PROFILE CERTIFICATE

General Information:

Test Animal	
ANIMAL ID/NAME	JG220504
BREED	Bonsmara
SPECIES	Cattle
GENDER	-
OWNER	Izak Cronje
LAB. NO	ZOCA2026-109335

DNA Profiling Results:

STR Marker	Allele 1	Allele 2
TGLA227	81	89
BM2113	127	141
TGLA053	160	172
ETH10	211	221
ILSTS011	268	268
SPS113	141	141
RM067	90	94
TGLA126	115	117
TGLA122	143	143
INRA023	202	202

STR Marker	Allele 1	Allele 2
BM1818	258	262
ETH003	117	121
ETH225	140	140
BM1824	178	178
SPS115	248	260
CSRM060	100	102
MGTG4B	135	151
CSSM066	189	195
ILSTS006	288	292

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

14 April 2026

Date

****See disclaimer on reverse side**

****Disclaimer**

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