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## DNA PROFILE CERTIFICATE

### General Information:

| Test Animal    |                |
|----------------|----------------|
| ANIMAL ID/NAME | AL220805       |
| BREED          | Beefmaster     |
| SPECIES        | Bovine         |
| GENDER         | Male           |
| OWNER          | CJ Steyn       |
| LAB. NO        | ZOCA2024-73768 |

### DNA Profiling Results:

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| TGLA227    | 77           | 77       |
| BM2113     | 129          | 141      |
| TGLA053    | Not Detected |          |
| ETH10      | 213          | 219      |
| ILSTS011   | 264          | 268      |
| SPS113     | 141          | 143      |
| RM067      | 92           | 102      |
| TGLA126    | 117          | 125      |
| TGLA122    | 141          | 151      |
| INRA023    | 200          | 214      |

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| BM1818     | 260          | 262      |
| ETH003     | 119          | 119      |
| ETH225     | 150          | 150      |
| BM1824     | 182          | 188      |
| SPS115     | 256          | 260      |
| CSRM060    | 102          | 102      |
| MGTG4B     | 135          | 149      |
| CSSM066    | 181          | 183      |
| 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

15 August 2024

Date

**\*\*See disclaimer on reverse side**



CVML15/AG/00226

06-Mar-15

ZOCA2024-73768-DC

15-Aug-24

**\*\*Disclaimer**

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

## DNA PROFILE CERTIFICATE

### General Information:

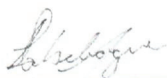
| Test Animal    |                |
|----------------|----------------|
| ANIMAL ID/NAME | AL210649       |
| BREED          | Beefmaster     |
| SPECIES        | Bovine         |
| GENDER         | Male           |
| OWNER          | CJ Steyn       |
| LAB. NO        | ZOCA2024-73767 |

### DNA Profiling Results:

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| TGLA227    | 77           | 81       |
| BM2113     | 129          | 141      |
| TGLA053    | Not Detected |          |
| ETH10      | 213          | 219      |
| ILSTS011   | 264          | 266      |
| SPS113     | 139          | 143      |
| RM067      | 90           | 102      |
| TGLA126    | 117          | 125      |
| TGLA122    | 141          | 153      |
| INRA023    | 214          | 214      |

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| BM1818     | 266          | 266      |
| ETH003     | 119          | 119      |
| ETH225     | 150          | 158      |
| BM1824     | 180          | 182      |
| SPS115     | 254          | 260      |
| CSRM060    | 102          | 102      |
| MGTG4B     | 137          | 141      |
| CSSM066    | 183          | 197      |
| 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.



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**ISAG**   
Institutional Member

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