

## DNA PROFILE CERTIFICATE

### General Information:

| Test Animal      |                     |
|------------------|---------------------|
| ANIMAL ID/NAME   | LTS180013           |
| MICROCHIP NUMBER | -                   |
| SPECIES          | BOVINE              |
| GENDER           | Male                |
| OWNER            | C.Pretorius en Seun |
| LAB. NO          | ZOBOS20-07139       |

### DNA Profiling Results:

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| TGLA227    | 77           | 89       |
| BM2113     | 139          | 139      |
| TGLA053    | Not Detected |          |
| ETH10      | 211          | 217      |
| ILSTS011   | Not Detected |          |
| SPS113     | 141          | 153      |
| RM067      | 90           | 92       |
| TGLA126    | 115          | 125      |
| TGLA122    | 143          | 149      |
| INRA023    | 202          | 214      |

| STR Marker | Allele 1     | Allele 2 |
|------------|--------------|----------|
| BM1818     | 266          | 266      |
| ETH003     | 121          | 125      |
| ETH225     | 140          | 150      |
| BM1824     | 190          | 192      |
| SPS115     | 248          | 254      |
| CSRM060    | 100          | 102      |
| MGTG4B     | 135          | 135      |
| CSSM066    | 187          | 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.



**Dr Christiaan Labuschagne**  
**Genomics Manager**

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**Date**

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

**ISAG**  
**Institutional Member**

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