

# DNA Report

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|               |                         |
|---------------|-------------------------|
| Test Method : | Fragment Analysis (STR) |
| Batch No :    | 1323U                   |
| Sample # :    | 1323U003                |
| Ownername :   | JH Havemann             |

|                   |                 |
|-------------------|-----------------|
| Tag No :          | JH17-0074       |
| Animal Name :     | JH17-0074       |
| Microchip # :     |                 |
| Animal Species :  | CATTLE          |
| Animal Breed :    | SANTA GERTRUDIS |
| Registration Id : | 29112142        |
| Birth Date :      | 1-01-01         |
| Gender :          | Male            |
| DNA Ref. No :     |                 |
| Tissue Type       | Hair            |

| Marker   | Allele1 | Allele2 |
|----------|---------|---------|
| BM1818   | 262     | 266     |
| BM1824   | 180     | 188     |
| BM2113   | 125     | 141     |
| CSRM60   | 100     | 100     |
| CSSM66   | 181     | 199     |
| ETH10    | 211     | 213     |
| ETH225   | 140     | 150     |
| ETH3     | 115     | 121     |
| ILSTS006 | 288     | 292     |
| INRA23   | 202     | 214     |
| SPS115   | 248     | 248     |
| TGLA122  | 141     | 161     |
| TGLA126  | 115     | 117     |
| TGLA227  | 77      | 89      |
| TGLA53   | 160     | 168     |

**Created date:** 24-Jul-2020 12:12    **Received date:** 09-Jul-2020 12:04    **Report date:** 27-Mar-2025 06:45    DNA profile analysed to ISAG specification(2021/2022)    Page 1

Unistel report these results on the premise that the biological samples received are from the individuals nominated by the owner/ breeder/ requestee. This Certificate replaces all previously issued certificates.

**Disclaimer:**  
While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract

**CHARNÉ ROSSOUW**  
DIVISION MANAGER