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<https://eur-lex.europa.eu/eli/reg/2016/1012/oj>

**Zootechnical certificate, in accordance with Regulation (EU) 2016/1012,  
 for trade in semen of purebred breeding animals of the following species:  
 (a) bovine species (Bos Taurus, Bos indicus, Bubalus bubalis)**



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 Certificate number: 1016341291151677

|  |   |
|--|---|
| <b>A. Information on the donor male purebred breeding animal</b>   |   |
| <b>1. Name of issuing authority</b><br>Danish Agriculture & Food Council, SEGES, kundecenter@seges.dk  |   |
| <b>2. Name of breeding book</b><br>Herdbook for Danish Holstein  | <b>3. Name of breed of donor male</b><br>Danish Holstein                      |
| <b>4. Class within the main section of the breeding book where donor male is entered</b><br>Main section   |   |
| <b>5. Breeding book number of donor male</b><br>257949   | <b>6.</b><br>Not relevant for cattle  |
| <b>7. IDENTIFICATION OF DONOR MALE</b>   | <b>8. IDENTITY VERIFICATION</b>   |
| <b>7.1 System</b><br>EU-legislation  | <b>8.1 Method</b><br>DNA/SNP  |
| <b>7.2 Individual identification number</b><br>DNK 2710802346 257949   | <b>8.2 Result</b><br>Parentage confirmed                                      |
| <b>7.3 Animal health identification number</b><br>-----  |   |
| <b>7.4 Name</b><br>VH Odense Oggy  |   |
| <b>9. Date and country of birth of donor male</b> 21.11.2014 DNK   |   |
| <b>10. Name, address of breeder</b> Rasmus Kildal, 8500 Grenaa   |   |
| <b>11. Name, address of owner ,</b>  |   |
| <b>12. THE PEDIGREE OF THE DONOR MALE</b>  | <b>12.1.1 Paternal Grandsire</b><br>SWE 48822 254275<br>VH Onside Viken Opell |
| <b>12.1 Sire</b><br>DNK 6590404373 255966<br>VH Opell Odense   | <b>12.1.2 Paternal Granddam</b><br>DNK 6590402944                             |
| <b>12.2 Dam</b><br>DNK 2710802105  | <b>12.2.1 Maternal Grandsire</b><br>NLD 533730469 254525<br>Delta G-Force     |
|  | <b>12.2.2 Maternal Granddam</b><br>DNK 2710801811                             |
| <b>13. Information on SEMEN: See attachment</b>  |   |
| <b>13.1 Results of performance testing (see other page/attachment)</b>   |   |
| <b>13.2 Up-to-date breeding values are to be found at:</b> <a href="https://nordic.mloy.fi/navbull">https://nordic.mloy.fi/navbull</a>   |   |
| <b>13.3 Genetic defects of the animal in relation to the breeding programme:</b> BLF; BYF; CDF; CVF; HH1F; HH2F; HH3F; HH4F; HH5F<br><br><b>Genetic peculiarities of the animal in relation to the breeding programme:</b> A2A2; BB<br><br><b>Description of genetic traits can be found at:</b> <a href="https://www.nordicebv.info/wp-content/uploads/2020/06/Description-of-genetic-traits-in-dairy-cattle.pdf">https://www.nordicebv.info/wp-content/uploads/2020/06/Description-of-genetic-traits-in-dairy-cattle.pdf</a> |   |
| <b>14. Validation</b>  |   |
| <b>14.1 Done at:</b> Danish Agriculture & Food Council, SEGES  | <b>14.2 on:</b> 21.06.2021  |
| <b>14.3 Name and capacity of the signatory</b>   |   |
| <b>14.4 Signature</b>  |   |

Danish Agriculture & Food Council  
 Anders Fogh  
 Head of Herdbook  
 SEGES Cattle



## Official Pedigree Certificate

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Name: **VH Odense Ogy** HB. No. **257949** Birth date **21.11.2014**

Herd ID-Ear No. **27108-02346** Interbull ID **255966** Breed **Danish Holstein**

Sire: **VH Opell Odense**HB. No. **255966**

Rolling base 06-2021

| Trait               | Current evaluation | Reliability | 80 | 90 | 100 | 110 | 120 |
|---------------------|--------------------|-------------|----|----|-----|-----|-----|
| NTM                 | 29                 |             |    |    |     |     |     |
| Yield               | 119                | 99          |    |    |     |     |     |
| Milk                | 93                 | 99          |    |    |     |     |     |
| Fat                 | 115                | 99          |    |    |     |     |     |
| Protein             | 113                | 99          |    |    |     |     |     |
| Growth              | 99                 |             |    |    |     |     |     |
| Fertility           | 116                | 97          |    |    |     |     |     |
| Birth               | 97                 | 99          |    |    |     |     |     |
| Calving             | 97                 | 97          |    |    |     |     |     |
| Udder health        | 101                | 99          |    |    |     |     |     |
| Other diseases      | 113                | 96          |    |    |     |     |     |
| Hoof health         | 104                | 98          |    |    |     |     |     |
| Frame               | 91                 |             |    |    |     |     |     |
| Feet and legs       | 91                 |             |    |    |     |     |     |
| Mammary             | 106                |             |    |    |     |     |     |
| Milking speed       | 86                 |             |    |    |     |     |     |
| Temperament         | 104                |             |    |    |     |     |     |
| Longevity           | 107                | 84          |    |    |     |     |     |
| Youngstock survival | 123                |             |    |    |     |     |     |

PGS: **VH Onside Viken Opell**HB. No. **254275**HB. No. origin **48822**International ID **HOLSWEM00000048822**Born **17.07.2009**Country **SWEDEN**NTM **5**PGD: **-**Herd ID-Ear No. **65904-02944**HB. No. origin **-**Born **11.07.2009**Country **Denmark**NTM **1**Body **85**Feet/Legs **79**Udder **86**Total score **85**

Production results

Average 5.7

Milk **12,310**Fat **502**Prot **444**Fat **4.08**Prot **3.60**Best lactation **14,564**Milk **544**Fat **529**Prot **3.73**Best lactation **16,747**Milk **2843**Fat **2513**Prot **4.08**Best lactation **11,697**Milk **474**Fat **420**Prot **4.05**Best lactation **11,697**Milk **474**Fat **420**Prot **4.05**Best lactation **11,697**Milk **474**Fat **420**Prot **4.05**Best lactation **11,697**Milk **474**Fat **420**Prot **4.05**MGS: **Delta G-Force**HB. No. **254525**HB. No. origin **533730469**International ID **HOLNLD0000533730469**Born **09.04.2010**Country **NETHERLAND**NTM **18**Body **76**Feet/Legs **83**Udder **80**Total score **80**

Production results

Average 1.1

Milk **9,368**Fat **399**Prot **337**Fat **4.25**Prot **3.59**Best lactation **9,044**Milk **385**Fat **325**Prot **4.26**Best lactation **9,959**Milk **424**Fat **358**Prot **4.25**Best lactation **8,781**Milk **372**Fat **314**Prot **4.24**



## Birth ID 27108-02346

### Animal

|                |                 |
|----------------|-----------------|
| Birth ID       | 27108-02346     |
| DK ID          | 27108-02346     |
| Herdbook DK    | 257949          |
| Breed          | Danish Holstein |
| Name           | VH Odense Oggy  |
| Sex            | Bull            |
| Multiple birth |                 |
| Date of birth  | 21-11-2014      |
| Test           | DNA/SNP         |

### Sire

|                |                 |
|----------------|-----------------|
| Birth ID       | 65904-04373     |
| DK ID          | 65904-04373     |
| Herdbook DK    | 255966          |
| Breed          | Danish Holstein |
| Name           | VH Opell Odense |
| Date of birth  | 01-08-2012      |
| Confirmed by * | DNA/SNP         |

### Dam

|                |                 |
|----------------|-----------------|
| Birth ID       | 27108-02105     |
| DK ID          | 27108-02105     |
| Breed          | Danish Holstein |
| Name           |                 |
| Date of birth  | 10-02-2013      |
| Confirmed by * | DNA/SNP         |

\* Information about Sire and Dam is only printed, if it is confirmed by DNA (microsatellites) or SNP.

### SNP

SNP results used for confirmation of parenthood can be requested from SEGES customer service center +45 7015 5015 or [kundecenter@seges.dk](mailto:kundecenter@seges.dk)

### DNA - type (Microsatellites)\*

|        |           |
|--------|-----------|
| BM1824 | 188 / 188 |
| BM2113 | 125 / 135 |
| ETH10  | 219 / 219 |
| ETH225 | 148 / 150 |

|         |           |
|---------|-----------|
| ETH3    | 117 / 129 |
| INRA23  | 210 / 214 |
| SPS115  | 248 / 248 |
| TGLA122 | 143 / 143 |

|         |           |
|---------|-----------|
| TGLA126 | 115 / 121 |
| TGLA227 | 97 / 97   |
| TGLA53  | 162 / 168 |

\* Nomenclature is according to ISAG guidelines using comparison animal no.1 from the international comparison test 1997/98. The digit "0" represents a null-allele

### Genetic traits

Find descriptions of tests and results on this webpage: <https://www.nordicebv.info/ntm-and-breeding-values/genetic-traits/>

| Test (carrier) | Result |
|----------------|--------|
| No tests       | -      |

| Test (free) | Result      |
|-------------|-------------|
| BLAD        | BLF (Free)  |
| BY          | BYF (Free)  |
| CDH         | CDF (Free)  |
| CVM         | CVF (Free)  |
| HH1         | HH1F (Free) |
| HH2         | HH2F (Free) |
| HH3         | HH3F (Free) |
| HH4         | HH4F (Free) |
| HH5         | HH5F (Free) |

| Genotypes    | Result |
|--------------|--------|
| Beta Casein  | A2A2   |
| Kappa Casein | BB     |