

**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)**



Certificate number: 1019866889137718

<b>A. Information on the donor male purebred breeding animal</b>	
<b>1. Name of issuing authority</b> Danish Agriculture & Food Council, SEGES, kundecenter@seges.dk	
<b>2. Name of breeding book</b> Herdbook for Danish Holstein	<b>3. Name of breed of donor male</b> Danish Holstein
<b>4. Class within the main section of the breeding book where donor male is entered</b> Main section	
<b>5. Breeding book number of donor male</b> 260547	<b>6.</b> Not relevant for cattle
<b>7. IDENTIFICATION OF DONOR MALE</b>	
<b>7.1 System</b> EU-legislation	<b>8. IDENTITY VERIFICATION</b>
<b>7.2 Individual identification number</b> DNK 4025205738 260547	<b>8.1 Method</b> DNA/SNP
<b>7.3 Animal health identification number</b> -----	<b>8.2 Result</b> Parentage confirmed
<b>7.4 Name</b> VH Aragon Allusio	
<b>9. Date and country of birth of donor male</b> 06.08.2018 DNK	
<b>10. Name, address of breeder</b> Svend Hestbæk, 9620 Aalestrup	
<b>11. Name, address of owner</b> Vikinggenetics Fmba, 8960 Randers SØ	
<b>12. THE PEDIGREE OF THE DONOR MALE</b>	<b>12.1.1 Paternal Grand sire</b> USA 72851681 Araxis
	<b>12.1.2 Paternal Granddam</b> USA 3012522966 Bea
<b>12.2 Dam</b> DNK 4025205206	<b>12.2.1 Maternal Grand sire</b> DNK 2371402699 257763 VH Tirsvad Balisto Bosman
	<b>12.2.2 Maternal Granddam</b> DNK 4025204637
<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; HH6F; HH7F; RP1F  <b>Genetic peculiarities of the animal in relation to the breeding programme:</b> A2A2; AB  <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> 29.04.2021
<b>14.3 Name and capacity of the signatory</b>	
<b>14.4 Signature</b>	

*Anders Fogh*  
Anders Fogh  
Head of Herdbook  
SEGES Cattle



Breed  
Danish Holstein

Herd ID-Ear No.  
40252-05738

Name  
VH Aragon Allusio

DANMARK

Birth date  
06.08.2018

Breeding Values

Trait	Current evaluation	Reliability	Rolling base 04-2021
NTM	26		80 90 100 110 120
Yield	118	84	
Milk	108	85	
Fat	118	85	
Protein	114	84	
Fertility	108	82	
Birth	107	97	
Calving	105	22	
Udder health	114	84	
Other diseases	102	78	
Hoof health	90	78	
Frame	104		
Feet and legs	110		
Mammary	105		
Milking speed	97		
Temperament	113		
Longevity	116	80	
Youngstock survival	91		

Sire: Aragon

HB. No.	259408
HB. No. origin	359648044
International ID	HOLDEUM000359648044
Born	21.06.2016
Country	GERMANY
NTM	12

PGS: Araxis

HB. No.	72851681
HB. No. origin	HOLUSAM000072851681
International ID	11.01.2014
Born	USA
Country	NTM

PGSS De-SU 11236

HB. No.	256098
HB. org.	70625988
International ID	HOLUSAM000070625988
Born	USA
Country	NTM

PGSD DE-SU 1837

HB. No.	70626988
HB. org.	70626988
International ID	HOLUSAM000070626988
Born	USA
Country	NTM

PGDS Clear Echo

HB. No.	257031
HB. org.	71974211
International ID	HOLUSAM000071974211
Born	USA
Country	NTM

PGD: Bea

HB. No.	3012522966
HB. No. origin	05.05.2014
International ID	2
Born	USA
Country	NTM

PGDD Bethea 3642

HB. No.	71207051
HB. org.	71207051
International ID	HOLUSAM000071207051
Born	USA
Country	NTM

PGDSD Clear Echo Ob

HB. No.	68669880
HB. org.	68669880
International ID	HOLUSAM000068669880
Born	USA
Country	NTM

PGDSS Generations

HB. No.	11104016
HB. org.	11104016
International ID	HOLUSAM000011104016
Born	USA
Country	NTM

PGDSD Delta G-Force

HB. No.	533730469
HB. org.	533730469
International ID	HOLNLFM0000533730469
Born	USA
Country	NTM

MGSDS Braedale Gold

HB. No.	248612
HB. org.	248612
International ID	HOLNLFM0000248612
Born	USA
Country	NTM

MGSDS Tir An O Man

HB. No.	30010-01493
HB. org.	30010-01493
International ID	HOLDNKF0000300101493
Born	USA
Country	NTM

MGDDDS Dansire Jordan

HB. No.	62577-01953
HB. org.	62577-01953
International ID	HOLDNKF00006257701953
Born	USA
Country	NTM

MGDDDD -

HB. No.	40252-02532
HB. org.	40252-02532
International ID	HOLDNKF004025202532
Born	USA
Country	NTM

Production Results Daughters

No. daughters	Milk, kg	Fat, kg	Prot, kg	%
1291	75	63		

EBV

Milk, kg	75	Prot, kg	63
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Pedigree confirmed by DNA  
Certificate issued 29-04-2021

Pedigree certificate issued in accordance with Commission Decision  
2005/379/EC for intra-community trade.

DENMARK

DÄNEMARK

LE DANEMARK

DINAMARCA



## Birth ID 40252-05738

### Animal

Birth ID	40252-05738
DK ID	40252-05738
Herdbook DK	260547
Breed	Danish Holstein
Name	VH Aragon Allusio
Sex	Bull
Multiple birth	
Date of birth	06-08-2018
Test	DNA/SNP

### Sire

Birth ID	359648044 DEU
DK ID	-
Herdbook DK	259408
Breed	Danish Holstein
Name	Aragon
Date of birth	21-06-2016
Confirmed by *	DNA/SNP

### Dam

Birth ID	40252-05206
DK ID	40252-05206
Breed	Danish Holstein
Name	
Date of birth	22-09-2016
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	135 / 137
ETH10	217 / 219
ETH225	146 / 148

ETH3	127 / 129
INRA23	210 / 210
SPS115	248 / 252
TGLA122	143 / 149

TGLA126	117 / 117
TGLA227	89 / 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)
HH6	HH6F (Free) *
HH7	HH7F (Free) *
RP1	RP1F (Free) *

Genotypes	Result
Beta Casein	A2A2
Kappa Casein	AB

\* Results are derived from genomic tests