

Registration Certificate

for the black and white pure-bred male



COGENT TARROO ET

DNA GENOMIC PARENT TEST

HB 01728173500385

100%Hol

Owner and Breeder
COGENT BREEDING LTD
LEA LANE
ALDFORD, CHESTER
CHESHIRE, CH3 6JQ

ProdRl% Milk Bf Bf% Pt Pt%
25 +689 +40.5 +0.14 +27.1 +0.05
TM 0.86


Embryo Transfer

Identified by Ear Tag no:
UK728173500385
Born 2 Sep 2023

Date registered 18 Dec 2023

<p>STGEN COWEN THORSON ET 65003213134253</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Hds %1 %2 Apr24 +673 +52.2 +32.3 +£756 0 0 0 ProdRl 73% +0.28% +0.11% PLIRl 66%*Genomic PI* LF -0.10 MA +0.71</p> <p>TM 0.87 Rl 53% (Apr24 *Genomic PI*)</p>	<p>PINE-TREE LIONEL COWEN 65003150687378</p> <p>99%Hol</p>	<p>MR T-SPRUCE FRAZZ LIONEL ET A2A2 65003142490309</p> <p>98%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>SAN-DAN CHARL 597 ET 65003149914011 GP81</p> <p>100%Hol</p>	<p>PINE-TREE 6586 ACHI 7589 ET 65003139672585</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>HURTGENLEA RICHARD CHARL ET A2A2 65000074345956</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>JOOK DIVERSITY 20186 ET 65003207082437 VG85 2gensVG</p> <p>100%Hol</p>	<p>MORMANN DIRECTOR 56713 65003010355460 G79</p> <p>100%Hol</p> <p>1 1/11 10319 305 4.90 506 3.60 371 0 2 3/1 11168 305 4.80 536 3.90 436 0</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>HURTGENLEA RICHARD CHARL ET A2A2 65000074345956</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>GENOSOURCE SABRE 35223 ET 65003137839368 VG85 12gensVG/EX</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>HURTGENLEA RICHARD CHARL ET A2A2 65000074345956</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>HURTGENLEA RICHARD CHARL ET A2A2 65000074345956</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>DENOVO 7545 DIVERSITY ET 65003141494131</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>DENOVO 7545 DIVERSITY ET 65003141494131</p> <p>100%Hol</p>
<p>JOOK CAPTAIN 1294 ET Ear US3224337080 65003224337080</p> <p>100%Hol</p>	<p>GENOSOURCE CAPTAIN ET A2A2 65003147118734</p> <p>100%Hol</p> <p>PTA2024 Milk Bf Pt PLI Apr24+1,187 +49.5 +37.6 +£874 ProdRl 99% +0.02% -0.02% PLIRl 91% *ITB+G* TM 1.85 Rl 91% (Apr24 *ITB+G*) 85 - VG</p>	<p>JOOK FRAZZLED 18344 65003145208311 VG85</p> <p>100%Hol</p> <p>1 1/10 11390 305 4.50 513 3.10 353 0</p>



Zootechnical certificate, in accordance with Regulation (EU) 2016/1012, for entry into the Union of purebred breeding animals of the following species (a) bovine species (Bos taurus, Bos indicus, Bubalus bubalis) All EU official languages of the zootechnical certificates, including footnotes and notes, are available in EUR-Lex		 holstein & british friesland																
1. Name of issuing breed society / competent authority Holstein UK, Scope House, Hortonwood 33, Telford, TF7 1EX tel:01923 695200 info@holstein-uk.org www.holstein-uk.org																		
2. Name of breeding book Herd Book of Holstein UK		3. Name of breed of purebred breeding animal Holstein																
4. Class of the main section of the breeding book where animal is entered Main section																		
5. Sex of animal Male		6. Breeding book number of animal HB01728173500385																
7. Identification of purebred breeding animal		8. Identity Verification																
7.1 System Ear Tag number UK728173500385		8.1 Method SNP Verified																
7.2 Individual identification number		8.2 Result Parentage Verified																
7.3 Name COGENT TARROO ET																		
9. Date and country of birth of animal 02/09/2023 UK																		
10. Name and address of breeder COGENT BREEDING LTD, LEA LANE, ALDFORD, CHESTER, CHESHIRE, CH3 6JQ																		
11. Name and address of owner COGENT BREEDING LTD, LEA LANE, ALDFORD, CHESTER, CHESHIRE, CH3 6JQ																		
12. Pedigree of the breeding animal including the breed composition																		
12.1 Sire Main section STGEN COWEN THORSON ET 65003213134253 Ear US3213134253		12.1.1 Paternal Grandsire Main section PINE-TREE LIONEL COWEN 65003150687378																
		12.1.2 Paternal Granddam Main section SAN-DAN CHARL 597 ET 65003149914011																
12.2 Dam Main section JOOK CAPTAIN 1294 ET 65003224337080 Ear US3224337080		12.2.1 Maternal Grandsire Main section GENOSOURCE CAPTAIN ET A2A2 65003147118734																
		12.2.2 Maternal Granddam Main section JOOK DIVERSITY 20186 ET 65003207082437																
13. Additional information																		
13.1 Results of performance testing www.holstein-uk.org																		
13.2 Up-to-date results of the genetic evaluation carried out last on ** Pedigree Index £PLI +£597 PLI RI 22% Calculated from Sire, (I)DS, (A)DD <table border="0"> <tr> <td>ProdR1% Milk</td> <td>Bf</td> <td>Bf%</td> <td>Pt</td> <td>Pt%</td> </tr> <tr> <td>25 +689</td> <td>+40.5</td> <td>+0.14</td> <td>+27.1</td> <td>+0.05</td> </tr> <tr> <td>TM 0.86</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				ProdR1% Milk	Bf	Bf%	Pt	Pt%	25 +689	+40.5	+0.14	+27.1	+0.05	TM 0.86				
ProdR1% Milk	Bf	Bf%	Pt	Pt%														
25 +689	+40.5	+0.14	+27.1	+0.05														
TM 0.86																		
13.3 Genetic defects and genetic peculiarities of the animal in relation to the breeding programme																		
13.4 Other relevant information on purebred breeding animal																		
13.5 Other relevant information on parents and grandparents www.holstein-uk.org																		
14. Insemination/mating																		
14.1 Date																		
14.2 Identification of the fertilising male																		
14.2.1 Breeding book number and section																		
14.2.2 Individual identification number																		
14.2.3 Name																		
14.2.4 System of identity verification and results																		
15 Name of breed society/competent authority/breeding operation/maintaining the breeding book/breeding register into which the purebred breeding animal is intended to be entered/registered																		
Validation																		
16 Location of issuer																		
16.1 Holstein UK, Scope House, Hortonwood 33, Telford, TF7 1EX tel:01923 695200 info@holstein-uk.org www.holstein-uk.org																		
16.2 Date of issue 12 Jul 2024																		
16.3 Name and capacity of the signatory Melanie Harmitt, Holstein UK, Chief Executive Officer																		
16.4 Signature 